

RFA ID	Primary Applicant	Applicant Type	Project Title	Project Location(s)	Set Aside	EPA Region	State	Amount Funded	Short Project Description (Provided by Applicant)	Congressional District (Provided by Applicant)	QAR Notes
13577192	State of Alaska	A: State Government	Expansion and Maintenance of the Alaskan Community Low-Cost Air Sensor Network	Alaskan communities statewide and new sensor pod network expansion to these additional communities: Dillingham, Eagle, Fort Yukon, Galena, Haines, McGrath, and Wrangell.	None	10	AK	\$499,999.19	DEC proposes a three-year project to expand the existing air quality sensor network using AQMesh sensor pods and to provide baseline air quality data for areas not covered by the State's regulatory monitoring network. With the funding DEC will purchase and install eight additional sensor pods (seven for community install plus one audit pod), maintain the entire AQMesh sensor pod network in 33 communities and provide outreach, education, and assistance to the communities with sensors.	AK	
13577835	City of Philadelphia	C: City or Township Government	American Rescue Plan - Air Management Services	The project is in Philadelphia, Pennsylvania. Three monitoring sites will be set up in overburdened communities: 1) the Nicetown neighborhood in north Philadelphia (Zip code 19140), 2) the Port Richmond neighborhood, Lower Northeast section of Philadelphia (Zip code 19134), and 3) the neighborhood near the former refinery complex in south Philadelphia (Zip code 19145).	None	3	PA	\$392,658.00	The project will deploy continuous air monitors at three sites described above, which are located in Environmental Justice (EJ) areas near major emission sources including the former Philadelphia refinery complex, the Philadelphia International Airport, Kinder Morgan storage tanks, a US Postal processing center, major highways (I-95, I-76, Roosevelt Blvd.), etc. The project will produce results to fill gaps of monitoring data in these areas and help strategizing pollution reductions in overburdened communities.	PA-001	
13578618	New Mexico Environment Department	A: State Government	Carlsbad Community BTEX Monitoring Project	Monitoring site within the Carlsbad, NM community. Specifically located at 2811 Holland Lane, Carlsbad, NM. This location also benefits the communities of SE New Mexico located within or in proximity to the Permian Basin.	None	6	NM	\$59,633.00	The NMED requests to utilize the grant funding to complete monitoring of several hazardous air pollutants, including benzene, toluene, ethylbenzene, and xylene (BTEX) in order to better understand the specific pollutants present in the region, which may also be responsible for public health impacts and rising ozone concentrations. The NMED is committed to addressing the Carlsbad community's air quality concerns to monitor air pollutants from oil and gas sources. The NMED intends to purchase and operate a continuous GC955 Synspec Benzene/BTEX Analyzer and monitor in the southeastern region for a period of 3 years. The expected outputs and outcomes are based upon the valuable air emissions data that will be gathered, which will assist NMED in air quality management and developing appropriate control strategies to reduce the emissions of concern and that impact the public's health and environment and contribute to rising ozone concentrations.	State	
13578676	Wisconsin Department of Natural Resources	A: State Government	Microscale Ambient Air Monitoring and Emission Inventory of HAPS, Ozone and PM2.5 with focus on Port of Milwaukee and Surrounding Communities.	Milwaukee, WI	None	5	WI	\$500,000.00	The DNR Air Program, in partnership with Sixteenth Street Community Health Center (SSCHC), and other groups intends to determine local hotspots and emission sources using community scale monitoring combined with microscale emission inventory. The area of focus is an environmental justice community near the Port of Milwaukee where Hazardous Air Pollutants have been monitored for decades at SSCHC. The funding will allow the state to build upon existing multi-pollutant ambient air monitoring expertise and networks to identify and confirm areas where disparity exists and what mitigation options can be identified, promoted and communicated locally to resolve disproportionate impacts.	WI-004	
13578770	Commonwealth of Penn Dept of Enviro Prot	A: State Government	Enhanced PM monitoring in the Environmental Justice communities of the Delaware County Waterfront	The project study area is southern Delaware County, PA. The project study area spans roughly 7 miles from west to east, from Delaware County's border with the State of Delaware to the eastern border of the City of Chester. The southern border is the Delaware River, and it covers approximately 1.75 miles inland to the north. There are 6 municipalities fully within the study area, including Chester City, Chester Township, Upland Borough, Trainer Borough, Marcus Hook Borough, and Lower Chichester Township. The southern portion of Upper Chichester Township is also included. The zip codes for the project area are 19013, 19061, 19015 and 19014.	None	3	PA	\$377,443.00	Using particulate matter (PM) as a surrogate for a larger pollutant set, this project aims to gather critical data to help federal, state, and local partners identify sources of air pollution, clarify their relative contributions and develop mitigation strategies to improve health outcomes for the people who live and work in the Environmental Justice communities along the waterfront in Delaware County, Pennsylvania. Utilizing Geographic Information Systems (GIS) to focus on transportation corridors, vulnerable populations, and local neighborhoods, up to 50 Modular PM monitors will be installed within the study area, with several monitors installed outside the study area to provide background data. Modular sensors measuring CO, NO2, and O3 in addition to PM will be installed at a rate of 10% of the total sensor population to expand the parameter set as well as provide localized meteorological information. Coordination with community partners and communication of the data and findings with researchers, legislators, and the public will be a key focus and will provide a basis for additional future research in the area on impacts of PM.	PA-05	
13578771	PA Department of Environmental Protection	A: State Government	Partnering with Allentown Communities to Characterize Ethylene Oxide and Other Volatile Air Toxics	East Side, Allentown, PA 18109	None	3	PA	\$499,870.00	The objectives of this proposal are to partner with Lehigh University and Allentown communities to 1) characterize ambient concentration volatile air toxics in neighborhoods and near sources; 2) identify likely sources and community health concerns; and 3) work with the local community to sustain ongoing engagement in monitoring and activities that diminish health risks from air pollution. To achieve these objectives, we will conduct air toxics monitoring for one year in and near East Side communities and carry out monitoring in four 1-month short-term segments near a medical sterilization facility and proximate areas of community interest. The results will be used to understand air toxic levels, quantify source contributions, and increase community awareness of and engagement in monitoring air pollution and activities that can minimize exposure to air pollution.	PA-07	Project involves ethylene oxide
13578786	Blue Ridge Environmental Defense League	M: Nonprofit with 501C3 IRS Status (Other than institution of Higher Education)	CARE-4-AIR: BREDL Air Guardians	BREDL chapters: <ul style="list-style-type: none"> Chapel Hill Organization for Clean Energy (CHOCCE), Chapel Hill, NC Citizens for a Healthy and Safe Environment, Lithonia, DeKalb County, GA Coalition for a Clean Dan River Region, Ringgold, VA Concerned Citizens of Richmond County, Hamlet, NC Concerned Citizens of Sheli Bluff, Burke County, GA EnvironmentalEE, Lee County, NC Madison County Clean Power Coalition, Madison County, GA Northampton County Citizens Against Coal Ash, Northampton County, NC Pamlico Defense League, Florence County, SC Pittsylvania County Preservation League, Pittsylvania County, VA Sustainable Madison, Madison County, NC Unical Clear, Unicoi, TN The J. J. Wilbur Co./Wilbur Technical Services, Raleigh, NC 	None	3, 4	NC	\$365,368.00	With funding from EPA, BREDL will purchase very high quality air monitoring equipment from The J. J. Wilbur Co./Wilbur Technical Services, Raleigh, NC ("Wilbur"). This equipment will be mounted securely on a covered trailer ("mobile unit") and driven to and parked at strategic locations in the southeastern U.S. where BREDL chapter organizations have confirmed a need for air pollution monitoring and the commitment to provide a safe, secure location to park the trailer and conduct air monitoring. Air monitoring data as generated by this project will be used by BREDL chapters and staff in our ongoing environmental protection campaigns.	NC 005	
13578932	City of Jersey City	C: City or Township Government	US EPA Community Air Quality Monitoring for Ozone and Particulate Matter Air Pollution in Jersey City's Underserved Communities	Lafayette, Greenville Neighborhoods in Jersey City, NJ (07304, 07305)	None	2	NJ	\$465,249.93	Monitor pollutants (three year period) of concern with respiratory illness in two environmental justice communities to quantify local maximum short- and long-term O3 and PM2.5 exposure levels. Air quality data will be analyzed against health-based air quality standards and disseminated to citizens to educate them on exposure, health consequences and personal and collective community actions to reduce exposure, including identifying community and green infrastructure resources. Community health organizations, including local government, the housing authority and community groups will be actively engaged in developing policy and programmatic solutions to address adverse air quality and its impacts on health in Jersey City's underserved communities.	NJ-08	
13578952	Oxnard Harbor District	D: Special District Government	Ventura County CA Community Air Quality Monitoring Network	Ventura County underserved and economically disadvantaged communities surrounding the Port of Hueneme including: Oxnard, CA (93033) and Port Hueneme, CA (93041)	None	9	CA	\$500,000.00	The Ventura County California Community Air Quality Monitoring Network will leverage the Port's existing air quality monitoring station with additional source-specific stations to understand and communicate air pollution burden from freight and transportation networks in the Oxnard Plain of Ventura County, California, a major transportation corridor between Los Angeles and Central Coast of CA. The project will install four (4) air monitoring stations and develop a community-based team to create communication tools that facilitate understanding of the monitored air quality data, including a multilingual website to provide public access to the data. The project partners will implement a community focused program by engaging the local economically disadvantaged and underserved community impacted by the freight and transportation network, including establishing a Community Advisory Council and continuing to nurture a foundation of trusting relationships and inform the public and local community on local air quality.	CA-26	
13578981	Salt River Pima-Maricopa Indian Community	I: Indian/Native American Tribal Government (Federally Recognized)	SRPMC CDD-EPNR will continue program capacity development with the one-time EPA grant 103 funds for the Air Quality Program with program staff and ambient air monitoring.	The Salt River Pima-Maricopa Indian Community (SRPMC or Community) is a federally-recognized Indian tribe located in Maricopa County, AZ, which is within the Region 9 geographic area. It is situated within a large metropolitan region with a population of over 4 million people.	Tribal	9	AZ	\$404,372.00	Salt River Pima-Maricopa Indian Community Air Quality Program is working to reduce its documented audit findings during future Total System Audits (TSA). SRPMC had an Environmental Protection Agency's Region 9 Total System Audit (TSA) in January 2022. The draft findings specified the need for additional staff to support the Air quality program activities since the data is used for regulatory purposes. The SRPMC is requesting a funding increase for one additional FTE staff for FY2023-FY2025 in supporting the air program needs in the Quality Assurance and data management to fulfill the EPA ambient monitoring requirements to ensure that the data meet its quality objective. The Community is currently working with Maricopa County Air Quality Department. The Community is planning on tribally funding this new position for FY2026 and beyond.	AZ006	
13579066	SAINT REGIS MOHAWK TRIBE	I: Indian/Native American Tribal Government (Federally Recognized)	SRMT- Advancing Ambient Air Quality Monitoring in NY Tribal Nations	Akwesasne Mohawk Community, NY Tribal 13655	Tribal	2	NY	\$381,729.00	This project will deploy a mesh-networked, low-cost air quality monitoring network in Akwesasne. There are several sources of air pollution that are of concern to the community, but their impact on the community is unclear because of lack of monitoring stations in and near the Nations. This project will address that gap. We will work closely with the community to identify sampling locations and use a real-time data dashboard and in person/virtual townhall sessions to disseminate the monitoring results to the community.	NY-021	

13579152	San Juan Basin Public Health	D: Special District Government	San Juan Basin Public Health - Enhanced Air Quality Monitoring	Archuleta, La Plata, and San Juan Counties, Colorado are home to a diverse rural community with mountain-valley topography containing one regional urban center: the City of Durango; several smaller communities: Silverton, Pagosa Springs, Bayfield, Ignacio, Arboles, Chromo, and Hesperus; and the Southern Ute Indian Tribe. Monitoring activities will be focused on neighborhoods with higher risk factors and fewer protective factors against respiratory disease.	None	8	CO	\$312,500.00	SJBPH and its partners intend to determine community air quality priorities across three counties in southwest Colorado with an emphasis on at-risk and underserved neighborhoods, monitor particulate matter ozone, and volatile organic compounds through the combination of real-time sensors and air canister sampling, and to distribute air quality information to the public. There is limited monitoring of these pollutants in our complex mountain topographic environment outside tribal jurisdiction. Expected outputs are deployment of equipment to conduct air quality monitoring in or near underserved communities, near-real-time air quality data availability for communities and stakeholders, and community-specific assessments of air pollution data. Expected outcomes include air quality problem identification, increased community awareness and use of protective behaviors, increased access to information for policymakers and the public, and reductions in air quality health risks over time.	CO-003
13579202	Pueblo de San Ildefonso	I: Indian/Native American Tribal Government (Federally Recognized)	Enhancing Air Quality Monitoring at the Pueblo de San Ildefonso	Pueblo de San Ildefonso	Tribal	6	NM	\$485,466.15	Our Pueblo members have voiced concerns about air quality because of our proximity to LANL, a potential source of exposure to radionuclides and other air contaminants, and because of increased wildfire events that result in greater exposure to wildfire smoke. Pueblo members are exposed to degraded air quality to a greater extent than the public because of extended periods of time spent outdoors engaged in our traditional and cultural practices. Further, we have limited ability to avoid the contamination because of our place-based culture, fixed reservation boundaries and socio-economic disparities. This project will establish an air quality monitoring program to understand air quality risks to our community's health and welfare. We will install ambient air samplers to measure levels of airborne radionuclides emanating from LANL operations and install a PurpleAir sensor network to monitor dust and smoke concentrations near the Pueblo housing areas. This project will better characterize the magnitude and extent of the air quality problems. Armed with these data, we will incorporate project findings into a cumulative impact assessment based on greater exposure pathways associated with our Tribal Lifeways and develop data-driven strategies to minimize exposure and protect the health of the community.	NM-003
13579359	Washoe Cnty Dist Hlth Dept	B: County Government	Establishment of a State and Local Air Monitoring Station (SLAMS) in the community of Verdi, Nevada.	Western portion of Reno, Nevada area in the community of Verdi. The AQMD and Washoe County School District are currently collaborating on a potential location on the Verdi Elementary School campus.	None	9	NV	\$213,204.00	The proposed project is establishment of a new SLAMS in the western portion of Reno, Nevada to fill a spatial gap in the existing ambient air monitoring network. This area is underserved by the existing network and typically experiences the highest PM concentrations in Washoe County during interstate transport wildfire smoke episodes.	NV-002
13579367	Chilkoot Indian Association	I: Indian/Native American Tribal Government (Federally Recognized)	Evaluating Outdoor/Indoor Air Quality Exposures in the Haines Borough and Creation of a Northern Lynn Canal Intertribal Air Quality Working Group	Haines, Alaska 99827	None	10	AK	\$158,408.00	This project will work to establish baseline continuous OUTDOOR air quality (PM2.5) monitoring in the Haines Borough, tracking expected pollution sources of: large cruise ships exhaust, wildfire smoke, construction/quarrying dust, community diesel generator exhaust, pollen release, and glacial silt. The project will also conduct INDOOR air quality assessments for Tribal Members households and local Schools and take intermittent measurements on a variety of pollutants (PM2.5, CO, VOCs) in these indoor settings. Program staff will attend both introductory and advanced trainings on rural Alaska Air Quality topics. Findings of the monitoring efforts will be shared through the formation of a Northern Lynn Canal Intertribal Air Quality Working Group and with all project partners, and the working group will explore appropriate response actions to suboptimal air quality.	AK-001
13579400	Manzanita Band of Diegueno Mission Indians	I: Indian/Native American Tribal Government (Federally Recognized)	Manzanita Enhanced Air Quality Monitorina Project	The project will be conducted across the 4,580-acre Manzanita Reservation. See "Map - Manzanita Indian Reservation" in the "Optional Project Narrative File" in the grants.gov submission.	Tribal	9	CA	\$229,072.00	The Manzanita Enhanced Air Quality Monitoring Project will implement a continuous air monitoring network to detect levels of PM2.5, PM10, ozone, and nitrogen dioxide throughout the Manzanita Reservation. A website and educational materials will be provided to inform the Tribal community how to reduce exposure to harmful air pollutants. Through this project, the MEND will gain technical capacity to improve its air quality monitoring capabilities and bolster resiliency for the Manzanita Community.	CA-051
13579406	Fort Collins, City of	C: City or Township Government	Enhancing Monitoring of Air Toxics and Air Quality Education in Underserved Communities in Northern Colorado	Air toxics monitoring will be implemented at high priority sites in Northern Colorado focusing on areas in Larimer County and western Weld County	None	8	CO	\$499,139.00	The North Front Range of Colorado is home to growing population centers and to rapidly expanding oil and gas production. The Denver/Metro North Front Range region is also designated as serious nonattainment for ozone (O3) and will soon be downgraded to severe status. Community concerns are mounting about the adequacy of existing monitoring data networks to identify potential air quality issues, and the ability of local governments to characterize and address risks. Additionally, climate change is exacerbating these issues along the Northern Colorado Front Range, particularly for Latinx residents, children living near the poverty level, and residents with asthma, diabetes, fair or poor health status, or lacking health insurance. This project will provide air toxic monitoring that responds to concerns of residents in underserved communities, will increase awareness of air pollution, will build a broader understanding of air quality issues through innovative approaches including story-telling and art, and will hold workshops to further empower residents to engage in policy and regulatory discussions and seeking enforcement actions if warranted.	co-002
13579444	Children's Hospital of Wisconsin, Inc.	M: Nonprofit with 501C3 IRS Status (Other than Institution of Higher Education)	Breathe S.M.A.R.T. (Safely Monitoring Air 'Round Town)	The city of Milwaukee, Wisconsin	Community	5	WI	\$500,000.00	This project aims to create a community-based network of neighborhood-level air quality monitoring stations in Milwaukee, Wisconsin, focusing on neighborhoods with high asthma burdens. The community will receive education about how to access the neighborhood-level air quality data, what the data means, and the action steps tied to that data so that residents have both the tools and knowledge necessary to respond to asthma-related air quality risk factors.	WI-005
13579511	Promote PT Inc DBA Protect PT	M: Nonprofit with 501C3 IRS Status (Other than Institution of Higher Education)	Clean Air For All: Knowledge is Power	Plum, PA; Monessen, PA; Belle Vernon, PA	Community	3	PA	\$365,887.00	Clean Air For All: Knowledge is Power is designed to address the lack of knowledge about fossil fuel air emissions and their impact on quality of life in Westmoreland and Allegheny Counties that have been exacerbated by the COVID-19 pandemic. This project aligns with the EPA's 2022-2026 Strategic Plan, as it's designed to reduce emissions of ozone-forming pollutants, particulate matter, and air toxics and address Environmental Justice issues facing Southwest Pennsylvania communities. This project seeks to expand Protect PT's air monitoring efforts in Southwestern Pennsylvania in three locations: The Westmoreland Sanitary Landfill (WSL) at 901 Tyrol Blvd Belle Vernon, PA 15012, Monessen Coke Plant at 345 Donner Ave, Monessen, PA 15062, and the Penneco Sedat 3A wastewater injection well (Plum Injection Well) at 1815 Old Leechburg Rd, New Kensington, PA 15068.	PA-14
13579542	Winnebago Tribal Council	I: Indian/Native American Tribal Government (Federally Recognized)	FY2022 EPA ARP EPD Air Quality Monitoring	Winnebago Indian Reservation, Nebraska, 68071	Tribal	7	NE	\$266,064.00	In order to improve capacity to fully address air quality, EPD will prepare supporting infrastructure and purchase and install equipment to monitor meteorological conditions, mercury wet deposition and particle pollution (PM2.5) at sites that are most suited to meet EPA site exposure guidelines. The Tribe will use the data collected to update emission inventory and to better understand ambient air quality issues within the boundaries of the Reservation.	NE-001
13579555	Central California Asthma Collaborative	M: Nonprofit with 501C3 IRS Status (Other than Institution of Higher Education)	School-based Air Monitors in Disadvantaged Communities of the San Joaquin Valley (SAMDACS)	This project will serve disadvantaged communities across the San Joaquin Valley, with a focus on three (3) communities to be identified by the San Joaquin Valley Environmental Justice Steering Committee during the project planning period (see Figure 2 in Section 1.A).	Community	9	CA	\$377,720.00	The primary objective of this project is to expand CCAC's network of school-based air monitors, each anchored by a high-performance PM2.5 monitor with low-cost sensors at surrounding schools. During the planning process, CCAC will consult with the San Joaquin Valley Environmental Justice Steering Committee (SIVEJSC) to identify communities in most need. CCAC will partner with local community-based organizations (CBO) to engage schools, residents and other stakeholders in the selected communities. CCAC will also partner with the San Joaquin Valley Air Pollution Control District (Air District) to coordinate messaging about data from the school-based PM2.5 monitors with the Air District's Real-Time Air Advisory Network. CCAC will also collaborate with the local CBOs to establish Community Steering Committees in each of the selected communities to support project planning, implementation and outreach.	CA-ALL
13579618	LSU Health Foundation	M: Nonprofit with 501C3 IRS Status (Other than Institution of Higher Education)	Claiborne Reborn: "Inpowering" Treme through a Multi-Generational Campaign of Citizen Science, Cultural Preservation, and Deliberative Community Engagement to Redress Interstate-10 Inequities	New Orleans, Louisiana, 70119, 70116, 70112	None	6	LA	\$498,480.00	The primary goal is to develop and evaluate a framework to facilitate sustainable community-led air monitoring (PM) campaigns, intergenerational learning and deliberative community engagement to "inpower" communities (inpowerment begins internally, whereas empowerment begins externally), preserve a cultural history, enable informed decision-making, and foster strategic political collective action on the fate of the I-10, by a culturally significant, yet politically disenfranchised New Orleans neighborhood.	2nd Journey to Justice area
13579625	Utah Department of Environmental Quality	A: State Government	Addressing Air Pollution Inequities in the Salt Lake Valley through Community Engaged Particle Monitoring.	West-side communities of the Salt Lake Valley, Utah: Poplar Grove Salt Lake City (SLC) 84104; Glendale SLC 84104; Westpointe SLC 84116; Rose Park SLC 84116; Fairpark SLC 84116; Beck St. area of Capitol Hill SLC 84116; Magna 84044; West Valley 84128 & 84120	None	8	UT	\$285,379.00	Enhancing PM2.5 and PM10 monitoring in underserved communities by integrating low-cost particle measurements with community partnerships. We will engage communities through our community steering committee, community meetings, surveys, listening sessions, outreach modules, and air quality visualizations and alerts. This work will help strengthen relationships between impacted communities and regulatory agencies, leading to increased trust, effective collaboration, shared decision-making, and development of mitigation strategies.	UT-002
13579631	Salt Lake County	B: County Government	eBus Air Quality Monitoring (EAQM)	Salt Lake County, Utah.	None	8	UT	\$500,000.00	Salt Lake County Office of Environmental Services (OES) is currently operating a demonstration project of the proposed eBus Air Quality Monitoring (EAQM) project with three UTA electric buses (eBuses) in Salt Lake County, Utah. OES seeks EPA funding to scale the project to install eight additional air quality monitors on electric buses. The additional monitoring capacity will inform Salt Lake County's efforts in improving air quality, particularly in diverse and underserved west side SLCo communities, to create one of the most detailed pollution mapping systems in the world.	UT-002
13579653	The Navajo Nation	I: Indian/Native American Tribal Government (Federally Recognized)	Navajo Nation Air Quality Control Program: Ambient Air Monitoring and Public Outreach	Oil and Gas Facilities throughout the Navajo Nation	Tribal	9	AZ	\$486,000.00	The objective of the project is to evaluate whether the emission of volatile organic compounds from oil and gas Indian facilities impacts human health and environment of neighboring Navajo communities. The data collected will be used to address community concerns of health impacts of oil and gas facilities. The funds will address health outcome disparities from pollution combined with COVID-19 concerns.	Indian
13579699	City of Houston	C: City or Township Government	Enhanced Air Quality Monitoring in High Risk Houston EJ Communities through Local Government and Community Partnership	Meadowbrook/Alldendale, Park Place, and Pecan Park super neighborhoods in Houston TX. ZIP Codes: 77012 and 77017.	None	6	TX	\$499,982.00	Community monitoring of four hazardous air pollutants identified that pose risk to communities. Three sampling methods will be used to monitor the pollutants, and the community will work with community partners for actionable outputs such as education programs.	TX-009 Project involves ethylene oxide; Journey to Justice area
13579713	Ecology Action Center	M: Nonprofit with 501C3 IRS Status (Other than Institution of Higher Education)	Bloomington-Normal Community Air Research and Education (BN-CARE)	We intend to quantify air pollutants within recognized Environmental Justice areas within McLean County including west Bloomington and north Normal.	Community	5	IL	\$440,485.00	The main objective of the project is to increase understanding of the relationship between local air quality and public health and build partnerships towards collaborative efforts to improve air quality. This will be achieved using air quality monitoring devices, community engagement in monitoring activities, workshops, and tree planting projects, outreach through real-time air quality data sharing and educational programs, and sharing of project findings with public officials, project partners, community organizations, and through media outlets.	IL-013

13579726	Hillsborough County Metropolitan Planning Organization	X: Other (specify)	Air Quality Monitoring for Disadvantaged Communities Along I-275/I-4 Corridor	The project will focus on communities of concern who have been disproportionately impacted by the development along the I-275 and I-4 corridors of Hillsborough County, Florida. The primary locations of this project will be in proximity of I-275 and I-4 and within the zip codes 33609, 33607, 33606, 33602, 33603, 33604, 33612, 33605, 33619, and 33610.	None	4	FL	\$389,875.00	The project intends to create a grassroots community network, or distributed air quality monitoring network along I-275 and I-4 focusing on communities of concern to provide data-based information for future project planning. The project will measure known health-impacting air pollutants from vehicular traffic with the intent for community members and school children to learn, participate and help report about localized air quality. The goal is to assist the communities and the Transportation Planning Organization to develop future planning approaches that improve air quality near roadways and improve the equity outcomes of transportation decision making.	12,14
13579774	Canton City of DBA	C: City or Township Government	CCPH Expanded Air Monitoring to inform and engage community and to identify and quantify pollutants in the overburdened community near Steel Manufacturer.	Neighborhoods immediately SW and SE of Steel Manufacture	None	5	OH	\$302,775.00	Canton City Public Health and residents will work together to identify and quantify pollutants in the communities closest to a Steel Manufacturer in Canton, Ohio. Using FEM technology and sensors, concentrations of target air pollutants will be collected, assessed and shared on a routine and frequent basis. This project will foster a relationship of trust with this overburdened community.	Ohio 7
13579775	Research Triangle Institute	M: Nonprofit with 501C3 IRS Status (Other than Institution of Higher Education)	Enhanced Air Quality Monitoring for Underserved Child Care Facilities in North Carolina	Central NC: Durham, Granville, Halifax, Vance, Wake, and Warren Counties. Representative zip codes: 27701, 27601, 27610, 27606, 27565, 27536, 27537, 27589, 27844, 27551, 27823, 27874	None	4	NC	\$499,929.00	We propose to (1) monitor particulate matter (PM2.5), ozone (O3), and their precursors (NOx, NO2, and SO2) at 20 childcare facilities in underserved areas of central NC by collecting real-time, continuous PM2.5 data and time-weighted averages of O3, NOx, NO2, and SO2; (2) provide trainings on equipment use, data interpretation, and recommendations; and (3) donate active air quality monitors to enrolled facilities for continued use after the project ends. Study findings will be shared with childcare facilities and families in an easy-to-understand format, coupled with simple actions they can take to reduce children's exposure and risk from PM2.5 and O3 and their precursor gases. Our short-term goal is to improve understanding of spatial and temporal distribution of air pollution associated with adverse health outcomes in underserved childcare settings, and our long-term goal is to build a network of informed childcare facilities and childcare advocates stewarding and monitoring their air quality to protect children's health.	NC-004
13579776	Mississippi Department of Environmental Quality (MDEQ)	A: State Government	Enhanced Air Quality Monitoring in the Cherokee Community of Pascagoula, Mississippi	Cherokee Community, Pascagoula, MS 39581	None	4	MS	\$500,000.00	The main objective and expected outputs of this project are the measurement of ambient concentrations of the air pollutants of greatest concern in the Cherokee Community, as identified by EPA, ATSDR, NEIC, and area citizens, for a period of one year to evaluate whether measured concentrations indicate the presence of an air quality problem that could impact human health. Activities include project planning with community partners, air monitoring, data evaluation, reporting, and public engagement during all stages of the project (i.e., planning, sample collection, and communication of results and next steps). Projected outcomes include the determination of whether air quality problems exist, the associated level of risk to the community, and opportunities to mitigate such risk including identification of possible sources of elevated concentrations.	SW Journey to Justice area
13579783	Onondaga Lake Cleanup Corp	M: Nonprofit with 501C3 IRS Status (Other than Institution of Higher Education)	A Community Based Approach to Air Quality Monitoring and Education in EJ Neighborhoods	South and Southwest neighborhoods of Syracuse, N.Y including but not limited to 13210, 13202, 13205 and 13207	None	2	NY	\$465,367.00	Working with an advisory group, the project will create a community-based education and outreach campaign that will provide accessible air quality data through a web-based dashboard. Residents and communities can use the information to protect individual and community health and advocate for effective solutions.	NY-24
13579791	Mid-Ohio Regional Planning Commission	D: Special District Government	Air Monitoring and Source Apportionment in Underserved Communities, Franklin County, Ohio	Franklin County, Ohio, inclusive of the City of Columbus and surrounding suburban communities, in zip codes identified through data aggregation to address underserved populations that are most likely impacted by poor air quality.	None	5	OH	\$500,000.00	MORPC and FCPH will focus on underserved communities impacted by emissions from mobile sources including diesel freight traffic and stationary sources using particulate matter monitoring and modeling tools placed at community sites. Sites will be chosen based on multiple levels of social and health vulnerability data, including COVID-19 mortality and morbidity data. Resulting data from 18 months' worth of air quality monitoring and modeling will be used by MORPC and FCPH to identify and understand the distribution and causes of particulate matter pollution and create interventions based on disproportionate impacts and source drivers.	OH-15
13579798	MT Department of Environmental Quality	A: State Government	This proposal presents DEQ's plan to improve our statewide PM2.5 monitoring network through installation of additional monitoring stations and sensors in key locations.	Montana, USA	None	8	MT	\$452,871.00	This proposal presents DEQ's plan to improve our statewide PM2.5 monitoring network through installation of additional stations and sensors in key locations, including in communities where air quality information is not currently available. As the duration and severity of wildfires increase, and the number of smoke-impacted days rises, DEQ must be able to provide accurate air quality information to residents. Our proposal focuses on PM2.5, the pollutant of greatest threat to our state's population. The proposal relies on community engagement through partnerships with key organizations that have established ties to rural and tribal populations. The plan is underpinned by DEQ's proven ability to maintain a robust air quality monitoring network over a large geographic area.	01
13579803	Aleutian Pribilof Islands Association	I: Indian/Native American Tribal Government (Federally Recognized)	Ambient air quality monitoring for solid waste burning impact on a remote island community	St. Paul Island, Alaska, 99660	Tribal	10	AK	\$301,987.00	Collecting baseline ambient air quality data and determining the impacts of solid waste burning on the Aleut Community of St. Paul Island through measuring particulate matter, Nitrogen Oxide, and Sulfur Dioxide, and particulate matter precursors Volatile Organic Compounds and Carbon Monoxide in order to address community health concerns.	AK-00
13579815	UT Department of Environmental Quality	A: State Government	2022 Combining Community Partnerships and Mobile Monitoring to Address Inequities in Exposure to Hazardous Air Pollutants along Utah's Wasatch Front	Communities of the northern Wasatch Front, Utah: Poplar Grove Salt Lake City (SLC) 84104; Glendale SLC 84104; Rose Park SLC 84116; Fairpark SLC 84116; Magna 84044; West Valley 84128 & 84120 & 84119, North Salt Lake 84054, Bountiful 84010, Woods Cross 84087, Sandy 84070	None	8	UT	\$499,208.00	Enhancing VOC monitoring in underserved communities through mobile VOC monitoring and community partnerships. Communities will be engaged through the formation of a community steering committee, community meetings, surveys and listening sessions, and development of educational modules. Work will help strengthen relationships between impacted communities and regulatory agencies, leading to increased trust and shared decision-making power between these groups.	UT-002
13579820	Deep South Center for Environmental Justice Inc.	M: Nonprofit with 501C3 IRS Status (Other than Institution of Higher Education)	St. John Parish Air Toxics Patrol	St. John the Baptist Parish, Louisiana	Community	6	LA	\$498,911.00	Building capacity of local EJ community groups to monitor their air quality, engage with stakeholders, and become more active and effective in civic engagement.	LA-02 Journey to Justice area
13579827	Shoshone Paiute Tribes of Duck Valley	I: Indian/Native American Tribal Government (Federally Recognized)	Shoshone Paiute Tribe of the Duck Valley Indian Reservation Air Quality Monitoring Program Creation	The project will serve the Duck Valley Indian Reservation (DVIR) located in north central Nevada and south-central Idaho. The DVIR encompasses 289,819 acres or approximately 452 square miles. A portion of the Reservation is located in Owyhee County Idaho and a portion is located in Elko County, Nevada.	Tribal	9	NV	\$99,985.00	The Tribes propose to create its first ever air quality monitoring system on the Reservation. The project will begin to provide the data the Tribes need to develop policies and practices to preserve or enhance environmental quality on the Reservation.	NV-002
13579834	Hispanic Access Foundation	M: Nonprofit with 501C3 IRS Status (Other than Institution of Higher Education)	El Aire Que Respiramos (the Air We Breathe) Latino Citizen Science Project	Blue Island, IL 60406; Caldwell, ID 83605; Commerce, CA 90040; El Paso, TX 79925; Henderson, NV 89407; Indio, CA 92201; La Mirada, CA 90638; Pharr, TX 78577; San Bernardino, CA 92408; San Jacinto, CA 92583; Thermal, CA 92274; Weslaco, TX 78596	None	5, 6, 9, 10	IL, TX, CA, ID, NV	\$499,922.00	The Air We Breathe will measure PM2.5 concentrations at 12 heavily populated Latino sites across the country. The project will raise awareness and improve understanding of PM2.5 pollution in the communities and will empower these same communities to make adjustments in their daily lives and to advocate for change as needed.	IL-01 Multistate and Multi-region project (Primary Applicant Location=DC)
13579835	State of Maryland, Maryland Department of the Environment	A: State Government	Community partnership program to monitor and mitigate cumulative air pollution concentrations in communities with environment justice concerns.	Four locations including: 3 EJ communities: Cheverly, Maryland (MD) 20781 and 20785; Curtis Bay, Baltimore City, MD 21226; and Turner Station, Dundalk, MD 21222. One comparison site: Annapolis, MD 21401	None	3	MD	\$497,861.00	Objective: This project, community driven in all aspects, will identify and implement air pollution exposure and risk reduction measures based on community recommendations and data from multi-pollutant air sensor supersites in 3 EJ communities. Activities, outputs, and outcomes will include community partnerships and training; a community partnership steering committee guiding the project; a technical advisory group; community workforce development; air sensor and other data analyses, increased community awareness of air pollution, air pollution monitoring and mitigation, and policy changes. This includes deployment of a hyper-local network of sensors, traditional air monitoring, and other measurement & fingerprinting techniques to link measured data to sources contributing to high exposures.	03
13579861	Center for Sustainable Communities	N: Nonprofit without 501C3 IRS Status (Other than Institution of Higher Education)	Monitoring Air Pollution in Underserved South Atlanta(MAP-USA)	This project targets the following communities in the regions in and around south Atlanta, Georgia: City of Atlanta (zip codes: 30314, 30316, 30318, 30331, and 30344), City of College Park (30349), Unincorporated Ellenwood (30058), and City of Jonesboro (30236).	Community	4	GA	\$498,401.00	MAP-USA will deploy commercially available PM2.5 sensors in 11 minority communities located in the region of South Atlanta, Georgia. Partnering with public schools, the monitors will be in areas where there is heightened concern over potential health impacts due to the proximity of these neighborhoods to heavily traveled transportation corridors, and for which there is no existing air quality monitoring capability. A non-profit organization with experience in managing community-based environmental and science and technology projects in Atlanta will lead the project with the assistance of experts at a Tier-1 research university that is anchored in the local community. The project will also develop leadership and analytical capacity in the community through technical training and the development of lesson plans that will be used with students at the schools where the monitors are located. The objective is to empower these under-resourced communities to collect, analyze, and use the data to draw conclusions related to the causes and effects of air quality.	005
13579875	Socially Responsible Agriculture Project	M: Nonprofit with 501C3 IRS Status (Other than Institution of Higher Education)	Delaware/Maryland Community Ag Air Emissions Project	Princess Anne, Somerset County, MD, 21853; Millsboro, Sussex County, DE, 19966; and Seaford, Sussex County, DE, 19973	Community	3	DE	\$495,328.00	This project will provide comprehensive ambient air data collection of industrial poultry pollution and its effects on public health and the environment in three Delaware and Maryland communities experiencing environmental injustices. Partners and citizen groups will use this information to create community-oriented solutions including education campaigns and collaboration with local government officials and state agencies to improve public health outcomes for every stakeholder in the community.	MD-01
13579877	350 Colorado	M: Nonprofit with 501C3 IRS Status (Other than Institution of Higher Education)	Enhanced Air Quality Monitoring in Disproportionately Impacted Communities in Greeley, Colorado	Weld County, OH	None	8	CO	\$498,537.00	Boulder AIR is run by Dr. Detlev Helmig, an expert in air quality monitoring for over 30 years. We are seeking funding to contract his team to install and operate a mobile air monitoring unit(Figure 3)that will continuously measure primary pollutants of concern:	CO-004
13579878	Verde	M: Nonprofit with 501C3 IRS Status (Other than Institution of Higher Education)	Cully Clean Air Community Action Project	The Cully neighborhood of Portland, Oregon, 97218	None	10	OR	\$117,830.00	Verde, Neighbors for Clean Air (NCA) and Oregon State University (OSU) will collaborate to gather air quality data using black carbon air monitors and create actionable community engagement strategies to ameliorate air quality concerns in Portland, Oregon's Cully neighborhood. NCA, OSU, and Verde will analyze the monitors' data, correlate it with data from other nearby air monitors, and make results accessible through a variety of media. NCA, OSU, and Verde will then use the data to engage with community members to inform regulatory processes and embed environmental literacy and expertise among Cully residents. These efforts will result in the development of long-term expertise among the Cully community and unprecedented grassroots involvement in regulatory processes that could significantly improve air quality for Cully residents.	OR-003

13579879	Health Resources in Action	Mt Nonprofit with 501C3 IRS Status (Other than Institution of Higher Education)	Massachusetts (MA) Healthy Air Network (MHAN): Monitoring and Building Capacity for Resilient Communities	MHAN is prioritizing engagement of three of the following EJ communities, which are prioritized in the MA Strategic Plan for Asthma 2021-2026: Boston, Brockton, Chelsea, Lawrence, Lowell, Lynn, New Bedford, and/or Worcester. We will also engage Springfield, Chicopee, and Holyoke via our partnership with PHIWM; however, they will not receive funds or sensors under this project as they are funded under PHIWM's Pioneer Valley AQ Monitoring Project (PVAQM)	None	1	MA	\$500,000.00	The goal of MHAN is to foster knowledge and build capacity at the community-level to improve environmental health conditions in MA communities by expanding AQ monitoring, supporting a learning community, building a statewide universal platform, and disseminating results. MHAN will prioritize three EJ communities' where residents experience disproportionate challenges related to environmental exposures, racial and health disparities, socioeconomic factors, sources of pollution, and are most burdened by asthma, COVID-19, air toxic cancer risk, and other chronic health conditions related to high levels of PM2.5 and O3. To do this, MHAN will: provide funding and AQ sensors to three community (CBO) and/or faith-based organizations (FBO) from separate EJ communities; engage them in the MHAN Citizen Science EJ Ambassadors' Learning Community Data, along with the three PVAQM EJ communities; and invite them to participate in the Data, Research/Communications/Website, and/or Evaluation committee(s). The statewide platform – a mobile friendly website – will provide real-time, easily accessible, actionable data for any interested community monitoring PM2.5 and O3, highlight the EJ communities' stories, and be available in English and Spanish. Finally, MHAN will organize a summit to share findings and data-to-action experiences from the EJ communities.	US-all
13579931	City of Minneapolis	C: City or Township Government	Minneapolis Enhanced Air Quality Monitoring	City of Minneapolis, priority for Green Zones environmental justice areas (zip codes 55407, 55404, 55454, 55408, 55411, 55412, 55418, 55413).	None	5	MN	\$411,170.00	The City of Minneapolis ("the City") will collaborate with community members from Green Zones environmental justice neighborhoods, community-based organizations, residents, and educators to: 1) monitor for exposures to VOCs and other pollutants from industrial and residential activities as well as traffic; 2) develop air quality curriculum, outreach materials, and hands on activities with air sensors as well as understanding and interpreting air sensor data, and 3) increase understanding of hyper local air pollution sources and strategies to mitigate air pollution in environmental justice communities.	005
13579934	Community Housing and Empowerment Connections Inc.	Mt Nonprofit with 501C3 IRS Status (Other than Institution of Higher Education)	Community-Engaged Air Quality Monitoring in New Castle County, Delaware	New Castle County, Delaware communities: Belvedere, Oakmont, Rosegate, Southbridge, Rutledge, Meridian	Community	3	DE	\$357,852.00	This project aims to utilize a collaborative process that engage residents in the development of a community air monitoring network that achieves community priorities while supporting research, public policy and improved health outcomes in New Castle County, Delaware.	DE-003
13579944	The Enterprise Center Inc.	Mt Nonprofit with 501C3 IRS Status (Other than Institution of Higher Education)	CLEEAN - Chattanooga Leveling Environmental Equity Across Neighborhoods: Collaborative Smart Community Air Quality Monitoring for Systemic Impact	Chattanooga/Hamilton County, TN (South Chattanooga; East Chattanooga; Downtown; Brainerd), includes zip codes of 37401, 37402, 37403, 37404, 37406, 37407, 37408, 37409, 37410, 37411, 37412, 37414.	None	4	TN	\$491,171.00	In addition to ongoing research into the correlation between COVID-19 and air quality, developing data and a more granular understanding of air quality across Hamilton County communities that routinely rank at the bottom statewide for asthma, chronic illnesses, and hospitalization is a high priority for the Chattanooga Smart Community Collaborative (CSCC) and is the focus of this proposal. CSCC partners have already deployed more than 30 air quality sensors at locations across Hamilton County, which stream live data accessible to the public. Funds awarded will support 130 additional fixed, low-cost sensors in the study area, provide 50 sensors for resident use via a library loan program, and add resiliency via one additional FRM/FEM monitor. Live data visualization, health information, and educational resources will be hosted publicly for residents, and sensor data will be imported into repositories, including the City of Chattanooga's OpenData Portal, ensuring practitioners and researchers have access to the network and increasing their ability to advance other research, inform public health advisories, and enhance citizen self-efficacy.	TN-003
13579947	Cherokee Nation	I: Indian/Native American Tribal Government (Federally Recognized)	Cherokee Nation Environmental Programs Air Sensor Studies	Cherokee Heights, a Housing Authority of the Cherokee Nation (HACN) housing addition located at 100 Cherokee Heights, Pryor, Oklahoma 74361. The secondary area of concern is located at one of our air monitoring sites which is across the street from Dahlgonegah Schools, 468739 E. 878 Road, Stilwell, Oklahoma 74960.	Tribal	6	OK	\$69,770.00	Cherokee Nation will use the funds from this opportunity to perform VOC monitoring with low cost sensors (two model P4Ms) in the vicinity of the Pryor air monitoring site located near the Cherokee Heights community to address a potential concern with elevated VOC levels emitted from the nearby MidAmerica Industrial Park. A combined ozone + VOC sensor (AOLite) will also be purchased to install at the Stilwell monitoring site; this sensor data will be compared against the existing continuous monitors in operation and then can be set up in any community that has a need, or used for outreach in local schools as part of the STEM curriculum.	OK-002
13579965	City of Stamford	C: City or Township Government	Stamford Air Quality Monitoring	The South End (Census Tract 222) and West Side (Census Tracts 214 and 215) neighborhoods of Stamford, CT.	None	1	CT	\$68,755.00	Working with residents, the City of Stamford has developed plans for a comprehensive air quality monitoring program, focused on nitrogen dioxide (NO2), particulate matter (PM2.5), and ozone (O3). Air quality monitoring will benefit historically marginalized residents in Stamford's South End and West Side neighborhoods with a goals of: (1) building the capacity to measure air pollution in real-time, (2) providing data to support strategies that mitigate air pollution, and (3) improving local health outcomes. Key outputs include the community meetings, the installation of air quality monitors, and the development of a public web site; outcomes include increasing resident awareness, affecting behavior change, and reducing health disparities.	CT-04
13579972	Bay Area Air Quality Management District	E: Regional Organization	Local-scale Community-led Monitoring in East Oakland	The project will be implemented in East Oakland, which is a region of Oakland, CA. Specifically, the project will focus on the ZIP codes 94621 and 94603.	None	9	CA	\$298,114.00	The proposed project will involve three air monitoring components, each designed in collaboration with the Air District's community partners for the project and with members of the community at large. First, we will use an air monitoring van to perform exploratory measurements of volatile organic compounds (VOCs) – including many air toxics - and particulate matter (PM) characteristics around sources or receptors of interest to the community. This will be followed by studies using short- or medium-duration stationary measurements to investigate questions raised by the results of the screening measurements. The third component will involve deployment of a network of outdoor and indoor commercial PM sensors and DIY air filtration units to community members and schools, who will be trained to interpret data and respond to air quality emergencies, such as wildfire smoke events.	CA-013
13579984	Youth Ministries for Peace and Justice Inc	Mt Nonprofit with 501C3 IRS Status (Other than Institution of Higher Education)	YMPJ Cross Bronx Expressway Air Quality Monitoring Budget	Project activities will take place in the Bronx, New York City, specifically along the Cross Bronx Expressway. This includes the neighborhoods of Parkchester/Castle Hill, Jerome/Washington Heights, Hunts Point, West Bronx, and Bronx River/Soundview.	Community	2	NY	\$500,000.00	YMPJ will partner with Habitat 46p, South Bronx/New York City Community Based Organizations (CBO's), and Community Leaders to collect particulate matter (PM1, PM2.5, and PM10) air quality data in the vicinity of the Cross Bronx Expressway. This data along with advocacy and environmental justice trainings, community meetings, and events will support the redevelopment of the Expressway so that it benefits the South Bronx community.	15
13580003	Achieving Community Tasks Successfully (ACTS)	Mt Nonprofit with 501C3 IRS Status (Other than Institution of Higher Education)	Defining Baseline Urban Air Toxics in Houston Through Hyperlocal Citizen Science Community Air Monitoring Networks	This project will be conducted in Houston, Texas, with focus on Pleasantville, Sunnyside, Fifth Ward, and Galena Park communities represented by zip codes: 77020, 77021, 77026, 77029, 77033, 77051, 77229, 77547.	Community	6	TX	\$499,197.00	Harris County has the highest concentration of facilities emitting urban air toxics in the nation, yet there are no regulatory air monitors measuring them, the ones that pose the greatest threat to the health of our families. As citizen scientists we understand the role data plays in catalyzing change. The community-led monitoring we propose will fill gaps in our understanding of hazardous air pollutants where we live and enhance collaborations with local public health partners to make Houston stronger. From 2022-2025, we will address blind spots in community exposures by collectively quantifying and mapping air toxics (ethylene oxide, 1,3-butadiene, formaldehyde and acrolein) in residential neighborhoods and near permitted facilities in Harris County. In year 1, we will conduct a mobile air monitoring campaign consisting of a 20-day baseline survey and begin expanding capacity and scope of our existing hyper-local community air monitoring networks through investments in additional low-cost sensors, analytic and visualization tools. In years 2 and 3, we conduct two annual 8-day follow-up surveys, one emergency response survey, and organize citizen science training and community outreach. All aspects of this project will be community driven and owned, thus generating more actionable data leading to outcomes such as reduced cumulative exposures to improve community health, increased surveillance and response from local and state governments, community-led disaster planning, policy changes, permit reviews, enforcement, and contributing new data for national risk assessments and rulemakings.	TX-018
13580022	Confederated Tribes of Coos Lower Umpqua & Siuslaw Indians	I: Indian/Native American Tribal Government (Federally Recognized)	Confederated Tribes of Coos, Lower Umpqua and Siuslaw Indians Enhanced Air Monitoring for Communities	Our project will address Air Quality matters across the Tribe's five county service area in southwestern Oregon namely Coos, Curry, Douglas, Lane and Lincoln counties.	Tribal	10	OR	\$500,000.00	Communities throughout Oregon have expressed a need for additional air monitoring to manage local air quality. Oregon continues to feel the pressure from climate change, extreme drought and longer wildfire seasons. A number of adverse health impacts have been associated to exposure from PM2.5 and PM10. People with heart or lung diseases, children, and older adults are the most likely to be affected by particle pollution exposure. The CTCLUSI proposal is to increase community engagement on outdoor and indoor air quality, and develop a network of air quality monitors. The ability to have data to manage local air quality is dependent on having reliable and accurate equipment.	OR-004
13580031	Puget Sound Clean Air Agency	D: Special District Government	Community-directed monitoring with TREE trailer (Trailer for Researching Environmental Equity) as central hub with branching sensors to characterize air quality in highly impacted communities	Seattle/Duwamish Valley, Chinatown-International District, Central District), and Lakewood WA	None	10	WA	\$499,408.00	In four communities that we have identified as being disproportionately impacted, we will deploy an innovative air monitoring approach using a TREE (Trailer for Researching Environmental Equity) equipped with stationary reference instruments at a fixed location based on community input to explore their neighborhood air quality concerns. Branching out from the TREE will be community-led air monitoring activities (walking or biking tours, etc.) that will use portable hand-held sensors which can be cross-referenced to the research-grade instruments in the TREE. We will leverage our current web-based tools and develop them further for displaying and communicating the data as close to real-time as possible. Our Univ. of Washington partners will analyze the data to identify dominant sources and health risks. We will share data as it is collected and communicate the results regularly to our community partners, with the aim of increasing awareness, educating, and helping the communities to develop goals and action plans. Our vision is that this approach can continue beyond the timeline of the grant; and become a beacon for how government agencies and communities can share power, exchange information, and provide disadvantaged communities with flexible, responsive air quality resources.	WA-009
13580059	Asthma & Allergy Foundation of America Michigan Chapter	Mt Nonprofit with 501C3 IRS Status (Other than Institution of Higher Education)	Detroit Vulnerable Community Enhanced Air Quality Network	Detroit, Michigan	Community	5	MI	\$157,308.00	During the 24-month project period, Asthma and Allergy Foundation of America –MI Chapter, in partnership with Wayne State University Center for Urban Studies, intend to enhance Detroit's ambient air quality network by deploying sixty-two PM2.5 sensors (31 personal indoor/outdoor sensors and 31 fixed, continuous outdoor sensors) to Detroiters ages 60 and older with respiratory distress/asthma symptoms. We will deploy one pair of sensors to a household in each of Detroit's zip code to assure geographical representation across the city. We propose to track ambient outdoor and indoor PM2.5 data with commercially available methods, display sensors' output on web dashboards, perform analysis, and engage residents on AQ issues, impacts, and interpretation of real-time PM2.5 sensor data and trends. We will host quarterly virtual workshops to engage community members with project staff, air quality, and public health providers.	MI-13

13580064	Government of the District of Columbia, DOE	A: State Government	Enhancing Air Quality Data with Storytelling to Advance Environmental Justice	Washington, DC – three environmental justice neighborhoods to be determined by Air Quality Advisory Board	None	3	DC	\$500,000.00	The District of Columbia Department of Energy and Environment's (DOEE) Air Quality Division will establish a shared governance structure to put air quality data and decision making in the hands of communities with technical and administrative support from the agency. We will achieve this by installing three new air quality monitors in overburdened communities to monitor PM2.5 and Ozone, empower families living in neighborhoods historically overburdened by air quality to share their stories of environmental injustice and personal experiences with air quality in their environments, and map both of these new data sources (along with existing air quality data) in an online tool. DOEE will work with community organizations to create an air quality advisory board to provide guidance and make final decisions about the online tool, community outreach and engagement, and the location for air quality sensors.	DC-ALL
13580073	PCFC - Pima County Flood Control	B: County Government	Expanding Localized Air Quality Monitoring at Pima County Schools to Address Environmental Justice	Schools located within Pima County and as described in Section 3. Seven public school districts within the Tucson metropolitan community have expressed interest but individual schools not yet identified for inclusion... [exceeds max length]	None	9	AZ	\$488,210.33	The applicant and partners will leverage relationships with multiple school districts throughout Pima County to deploy and operate additional low-cost outdoor air pollution sensors improving exposure measurements of selected air pollutants for the entire population, especially identified environmental justice locations. Based on data collected by these sensors, project partners will develop models to predict air pollution levels across the county and develop action plans. Finally, the partners will use the data to develop modules to educate students for community science efforts, such as education sessions on air pollution and related health effects and the relationship between data and localized environmental justice issues identified by the students.	03
13580082	Berkshire Environmental Action Team, Inc.	M: Nonprofit with 501C3 IRS Status (Other than Institution of Higher Education)	Air Quality Monitoring for pollutants relating to disparate health outcomes in the city of Pittsfield, Massachusetts	Designated Massachusetts Environmental Justice Neighborhoods, and outlying "control" positions in Pittsfield, MA 01201	Community	1	MA	\$300,131.00	Using ten stationary continuous air monitors and five mobile monitors, BEAT will be monitoring for PM2.5, PM10 and NO2 throughout key locations in Pittsfield, Massachusetts, including environmental justice neighborhoods, near point sources of pollution and in "control" locations away from these centers. Our air quality monitoring will be supplemented by a survey of community health conditions, conducted during the monitoring period, to look for correlating increases or decreases in severity.	MA-001
13580090	Louisiana Environmental Action Network	M: Nonprofit with 501C3 IRS Status (Other than Institution of Higher Education)	LA Community Air Monitoring Network, expanding air quality data for underserved communities throughout Louisiana's industrial corridor	South Louisiana along the Mississippi River including Alsen (70807), Baton Rouge(70806), St Gabriel(70776), Geismar(70734), St James(70086), Garyville(70051), Reserve(70084), New Orleans(70130), and Oakville, LA(70037).	Community	6	LA	\$500,000.00	LEAN's LA Community Air Monitoring Network will be assessing air quality at the block level throughout Louisiana's industrial corridor while expanding air quality literacy in historically underserved communities and identifying actionable strategies to reduce exposure and emissions.	LA-002 Journey to Justice area
13580093	Red Lake Band of Chippewa Indians	I: Indian/Native American Tribal Government (Federally Recognized)	Ozone Monitoring on the Red Lake Reservation	The Red Lake Indian Reservation and Tribal State of Minnesota		5	MN	\$67,500.00	Purchase, install, and begin operating an ozone monitor on the Red Lake Reservation, filling a gap in monitoring that exists in the region. Make near real-time ozone AQI data and alerts available to Red Lake Nation and others via AirNow.gov, smogwatch.com, and enviroflash.info. Strengthen Tribal-State relationships, increase awareness of ground-level ozone in the environment, and reduce human exposure to ozone resulting in improved health.	7 & 8
13580119	Cleveland Department of Public Health	C: City or Township Government	Community Leveraged Expanded Air Network in Cleveland (CLEANinCLE) Project	The CLEANinCLE project will cover an area in the Cleveland community that is locally referred to as the "Cleveland Crescent." The neighborhoods that are in the Cleveland Crescent represent the historically redlined communities that still present with poor health outcomes including diabetes, hypertension, and pediatric asthma. This region represents approximately 48% of Cleveland residents.	None	5	OH	\$500,000.00	The CLEANinCLE project will expand Cleveland's air monitoring network into historically redlined Cleveland neighborhoods that are still experiencing negative health outcomes. Community members will participate in the meaningful design of an expanded air monitoring network through public forums, the establishment of a resident advisory committee, and through a series of residential interviews. The outputs and outcomes will take the form of public engagement with marginalized communities, expanded air monitoring networks informed by the community, increased data/access, and public health interventions.	OH-11
13580122	Research Foundation of SUNY Amherst	X: Other (specify)	Improving air quality monitoring for Buffalo African-American community	Buffalo, NY	None	2	NY	\$499,963.00	We will improve air monitoring in the Buffalo African-American community in Buffalo, NY, and share the research findings with community members. To achieve this goal, we will deploy low-cost ambient air pollution sensors at optimal sampling sites in the residence of the marginalized community and develop the community-specific air quality prediction model by integrating the collected sensor measurements with existing data. We expect that the proposed project will improve the availability and resolution of community-specific air quality data, which will in turn convert into quantitative and qualitative information useful to develop interevent adverse health outcomes, particularly for vulnerable population, in the community.	NY-026
13580130	Mystic River Watershed Association Inc.	M: Nonprofit with 501C3 IRS Status (Other than Institution of Higher Education)	Community-Led Improvement of Air Quality and Health in Lower Mystic (CLEANAIR)	Charlestown, MA 02129; East Boston, MA 02128; Everett, MA 02149; Malden, MA 02148 + 02180	None	1	MA	\$499,979.00	The goal of our project is to improve air quality and health in communities in the watershed that are most burdened by transportation-related air pollution and disease. By deploying dense networks of air pollution monitors at community-identified locations in each of four cities, we will provide actionable data and information to increase community awareness, inform decision-making around transportation infrastructure, and reduce exposures to harmful transportation-related particulate air pollutants including PM10, PM2.5, and ultrafine particles. Through a 12 member Community Advisory Board and extensive surveying and outreach, the team will build capacity among residents that have been disproportionately impacted by poor air quality.	MA-007
13580147	Pokagon Band of Potawatomi Indians	I: Indian/Native American Tribal Government (Federally Recognized)	Downwind of Industry: Monitoring Air Quality on Pokagon Band Lands	Dowagiac, MI 49047; Hartford, MI 49057; New Buffalo, MI 49117; South Bend, IN 46614	Tribal	5	MI	\$57,875.00	The Pokagon Band Department of Natural Resources (PBDNR) completed a Level IV Air Emissions Inventory that provides information related to air pollution affecting tribal trust properties. The Pokagon Band's tribal properties are downwind of heavy industrial manufacturing and development along the southern shore of Lake Michigan. The Pokagon Band proposes to acquire and install four air quality sensors to collect real-time continuous data that will be analyzed and shared with tribal citizens. Compared to the general population, tribal citizens are more predisposed to asthma and other respiratory health conditions. Having more detailed information about the air quality on tribal lands will help the Pokagon Band better assess potential dangers posed by pollutants and take action to mitigate the risk to tribal citizens, if necessary.	MI-006
13580162	OR Dept. of Environ. Quality	A: State Government	OR DEQ Data to Action: Building a collaborative community framework for cleaner air	Urban, rural, and tribal Oregon communities, as prioritized by community-developed criteria	None	10	OR	\$498,796.00	PM2.5 and DPM pose a health risk to all Oregonians, but disproportionately impact Black and Asian communities, children under the age of five years, and linguistically isolated populations. DEQ will work with communities, universities, and local and state agencies to co-design an equitable and sustainable community monitoring framework for collaborative action. This framework will be used to empower communities- prioritizing underserved, disadvantaged and overburdened communities -to monitor and leverage the data to inform action that will improve their local air quality.	OR-ALL
13580169	Red Hook Initiative	M: Nonprofit with 501C3 IRS Status (Other than Institution of Higher Education)	Red Hook Action for Clean Air Initiative	Red Hook, Brooklyn, New York City, 11231	Community	2	NY	\$500,000.00	The Red Hook Action for Clean Air Initiative will build capacity for consistent community-led air monitoring in Red Hook, Brooklyn. The initiative seeks to increase the capacity of the neighborhood to measure, document, and interpret air quality issues; expand air monitoring through neighborhood-wide analysis and continuous static monitors; and build an advocacy agenda to address air quality issues and implement strategies to mitigate environmental harms.	07
13580203	East Chicago Calumet Coalition Community Advisory Group Inc.	M: Nonprofit with 501C3 IRS Status (Other than Institution of Higher Education)	East Chicago Calumet Coalition Community Advisory Group, Inc. (ECCC-CAG) application for community air monitoring grant funds	The Calumet Community (Community) is located in the southern portion of East Chicago, Indiana. Approximately 2,000 people reside in the area, surrounded by industrial emitters.	Community	5	IN	\$200,000.00	The Community in East Chicago, IN is located and immediately encircled by a the U.S.S. Lead Superfund site, a DuPont RCRA remediation site, an operating W. R. Grace chemical plant, a massive CITGO petroleum and organic tank farm, a hazardous materials recycler, a rail yard, an air separation plant, numerous scrap yards, truck and auto refurbishing operations, countless small supporting industrial uses, and adjacent major roads and railways in the Northwest Indiana transportation corridor. Implementing this project in the phased approach described below will provide a data-supported picture of air pollutants affecting the Community across spatial and time scales including routine impacts from episodic events. Summary and raw data—which will be shared with community members, the public, the City of East Chicago and Lake County government, IDEM and EPA—will help identify and attribute pollution to sources and provide a basis for any future actions that may be required to reduce pollution affecting the Community, including through advocacy from the ECCC-CAG and community members, supported by partners.	IN-001
13580207	City of New Bedford	C: City or Township Government	City-wide air quality monitoring and source identification for healthier outcomes	New Bedford, Massachusetts (U.S. Postal Zip Codes 02740-02746) proposes to monitor air quality using monitors at 20 locations throughout and within the City, where approximately 78% of its residents live in Environmental Justice block groups.	None	1	MA	\$391,821.97	This project will identify disparities relative to health and corresponding air quality among EJ communities to inform public policy and realize equitable health outcomes.	MA-09
13580209	Research Foundation for the State University of New York, University at Albany	M: Nonprofit with 501C3 IRS Status (Other than Institution of Higher Education)	Promoting sustainable air quality at underserved neighborhoods in New York State through low-cost sensor monitoring, integrated measurement, and community engagement	oCapital District: SouthEnd, Albany, NY 12202; Schenectady, NY 12303, Cohoes, NY 12047 oHudson Valley Region: Kingston, NY 12401, Poughkeepsie, NY 12601, Newburgh, NY 12550 oNew York City (NYC): Harlem, Manhattan, NY 10026, 10027, 10036, 10037, 10039	None	2	NY	\$499,939.00	The main objective of this project is to improve air quality and public health across underserved neighborhoods in New York State (NYS). Activities include leveraging low-cost sensor monitoring to determine far-field (ambient) and near-field exposure (outdoors, indoors) and engage and empower community stakeholders. Expected outputs include community-specific problem identification and a comprehensive real-time hourly 2-year ambient data set with expected outcomes to reduce ambient and indoor air concentrations.	NY-020

13580212	Community foundation for the Alleghenies	M: Nonprofit with 501C3 IRS Status (Other than Institution of Higher Education)	Monitoring Chronic and Acute Pollution in the Upper Ohio River Valley	Ambridge, Aliquippa, Beaver Falls, Coraopolis, East Rochester, Freedom, Leetsdale, Midland, New Brighton, Rochester, and adjacent communities of Beaver, Monaca, and Sewickley. These communities are located/situated in Beaver and Allegheny Counties in Southwestern Pennsylvania in the following zip codes:15003, 15001, 15010, 15108, 15074, 15042, 15003, 15056, 15052, 15059, 15066, 15074, 15009, 15061, and 15143.	None	3	PA	\$499,145.00	The overall objective of this proposal is to engage environmental justice community members in the Upper Ohio River Valley in Southwestern PA, who are impacted by ongoing, chronic pollution levels and who will be impacted by future acute, episodic pollution levels from a regional petrochemical buildout, in community air monitoring activities. The project will involve community members in the design of monitoring plans, deployment of monitoring equipment, data collection, engagement in community data sensemaking, and coordination of communication and accountability campaigns so that air pollution conditions and community warning and protection capabilities advance in the Upper Ohio River Valley. The project will also link to a recently funded asthma registry and enhance the assessment of the impact of short-term and long-term pollution changes on asthma outcomes in these communities. Expected outcomes are: 1. Increased participation, awareness, knowledge and ongoing engagement of community members in UORV involving air quality; 2. Meaningful conversations and data bridge communications between impacted residents and regulatory agencies, such as PA DEP and EPA; 3. Increased capabilities for UORV community members to respond to acute, aperiodic pollution events so that protective actions can be taken; 4. Informed awareness about AQ data and health outcomes (asthma) in impacted communities; 5. Informed advocacy for accountability campaign efforts; 6. Informed public input to air quality standards and public health standards advocacy efforts.	PA-017	
13580232	Pala Band Of Mission Indians	I: Indian/Native American Tribal Government (Federally Recognized)	Pala Tribal Community Air Monitoring Collaborative	Air quality monitoring funded through this grant will be conducted across the Pala Reservation, which is roughly 13,000-acres and home to a majority of the approximately 1,000enrolled members of the tribe.	Tribal	9	CA	\$232,367.00	This project will leverage and enhance the Pala tribal community air monitoring network to continuously detect levels of PM2.5, PM10, ozone, and nitrogen dioxide throughout the Pala Reservation. The Pala Environmental Department (PED) will educate the tribal community on how to reduce exposure to harmful air pollutants. Tribal community members will be engaged through citizen science methods to pair observational data with air quality data detected by the monitoring network. PED will partner with neighboring tribes to share best practices and lessons learned in developing a tribal community-scale air monitoring network.	CA-050	
13580241	Berkshire Regional Planning Commission	E: Regional Organization	Berkshire County Clean Air Project	All Environmental Justice communities in Berkshire County, Massachusetts in the following municipalities: Adams, Cheshire, Dalton, Great Barrington, Hinsdale, Lee, Lenox, North Adams, Pittsfield, Williamstown	None	1	MA	\$465,589.00	The Berkshire County Clean Air Project will expand indoor and outdoor air monitoring opportunities for all Berkshire County residents, especially the County's most vulnerable populations. BRPC, with its project partners, will engage all communities in Berkshire County containing EJ populations to obtain outdoor air sensors, equitably and collaboratively site them, build capacity for ongoing community air quality monitoring, and disseminate indoor air sensors to low-income households making energy efficiency upgrades. Indoor and outdoor sensor deployment will be accompanied by extensive community outreach and municipalities and local groups will utilize data to guide regional planning initiatives.	All	
13580245	City of Detroit	C: City or Township Government	Establish the first comprehensive, citywide particulate matter monitoring system in Detroit, MI	City of Detroit	None	5	MI	\$481,935.00	Establish the City of Detroit's first comprehensive city-wide particulate matter monitoring network with near-real time reporting. Data collected from the network will be used to educate Detot's citizens and policy makers and expand network parameters while targeting areas of highest impact.	13, 14	Partial funding. Initial request was \$482,265 (\$330 difference).
13580282	Rhode Island D.O.H.	A: State Government	Monitoring Indoor and Outdoor Air Quality for Communities Affected by Asthma in Providence RI	The project will take place in Providence and will focus on environmental justice communities including three Health Equity Zones (HEZs) in the city (Central Providence, South Providence, and West Elmwood HEZs) as well as 3 public housing family developments.	None	1	RI	\$500,000.00	The Rhode Island Asthma Control Program (RIACP) is proposing to measure the impact of air quality on asthma outcomes among underserved communities living in Central, South, and West Elmwood communities within the city of Providence, Rhode Island. RIACP will conduct air quality monitoring by installing air quality sensors at public housing developments and organizations within these communities and will measure both indoor and outdoor air quality.	RI-ALL	
13580288	National Coalition of 100 Black Women - Central Florida Chapter Inc.	M: Nonprofit with 501C3 IRS Status (Other than Institution of Higher Education)	The formation of a multicultural and multilingual Community Air Quality Advisory Council to report Community Science Air Quality data from underserved communities to the public and to local government	The primary location(s) are in diverse census tracts in these communities with zip codes in Orange County, FL: South Apopka (32703), Azalea Park (32807), Eatonville (32751), Englewood (32807 & 32822), Oak Ridge (32839), Mercy Drive (32808), Orlo Vista (32811), neighborhoods in the Westside Alliance (32805), Pine Hills (32808 & 32818), Dover Shores (32803, 32806, 32812), Magnolia Towers (32801), South Colonialtown (32803) & Tangelo Park (32819).	Community	4	FL	\$440,000.00	The goal of our project is to create a Community AQ Advisory Council (Council) comprised of representatives from underserved communities in Orange County, FL that is informed by Community Science AQ Monitoring. Activities will include: (1) a Community Science AQ monitoring program in underserved communities in Orange County, FL with Environmental Justice AQ indicators in at least the 80th percentile in the US, & deaths from asthma, chronic lower respiratory disease, diabetes, emphysema, cancer &/or heart disease in the top 4th quartile in FL; (2) Equitable process consultation on constituting a representative Council, (3) Technical support to the Council to assist participants serving on the council to understand the monitoring data; and (4) Policy support to draft documents that establish a reporting process so the Community Science data will inform prioritization of further study in communities of color in Orange County, FL.	FL-009	
13580292	Cultivando	M: Nonprofit with 501C3 IRS Status (Other than Institution of Higher Education)	Air Quality Investigation and Research for Equity (AIRE)	Commerce City (80022), Globeville (80216), Elyria-Swansea (80216)	Community	8	CO	\$500,000.00	The main goal of the AIRE project is to quantify and identify the air toxins that are present within and throughout the Commerce City, Globeville, and Elyria-Swansea neighborhoods and their emission sources. The characterization of these air toxics will address issues of environmental racism and injustice that are present in these communities. This will be achieved by operating a continuous monitoring station at a strategically placed location within the impacted area and deploying a mobile air monitoring van for identification and characterization of point emission sources.	CO-008	
13580294	Louisiana Department of Environmental Quality	A: State Government	Polycyclic Aromatic Hydrocarbons Monitoring Project in Alexandria-Pineville La	Between the two creosote facilities in Alexandria-Pineville, Louisiana. The site location will be determined with assistance of the Alexandria-Pineville community. The two facilities of interest are McFarland Cascade/Stella-Jones in Pineville and Stella-Jones in Alexandria.	None	6	LA	\$422,255.00	The Alexandria-Pineville Louisiana area has two wood treating facilities. Polycyclic aromatic hydrocarbons (PAH) can be produced by wood treating facilities. LDEQ would like to conduct PAH monitoring in the Alexandria-Pineville area between the two wood treating facilities.	La-all	
13580301	Capital Area Council of Governments	E: Regional Organization	Enhanced Continuous PM2.5 Monitoring in the Austin-Round Rock-Georgetown Metro Area	Austin-Round Rock-Georgetown Metropolitan Statistical Area (Bastrop, Caldwell, Hays, Travis, and Williamson Counties) in Central Texas	None	6	TX	\$453,732.00	CAPCOG proposes to operate seven research-grade continuous PM2.5 monitors and to distribute 20 low-cost continuous particulate matter (PM) sensors in the region. Outputs will be continuous measurements of PM2.5 concentrations in the MSA. Outcomes of the project will include improved understanding of where high levels of PM2.5 occur in the region, improved PM2.5 forecasting, enhanced local decision-making, better-targeted PM2.5 emission reduction actions, reduction of the public's exposure to short-term PM2.5 pollution, and expanded community capacity for future monitoring.	TX-010	
13580311	Louisiana Department of Environmental Quality	A: State Government	Ambient Air Monitoring Project in St James Parish, LA	St. James Parish including the communities of Welcome, Freetown, St. James, Moonshine, and Vacherie. This would include the zip codes 70086 and 70090	None	6	LA	\$479,958.00	The target air pollutants that are the focus of this proposal include the criteria pollutants sulfur dioxide (SO2), nitrogen dioxide (NO2), and particulate matter (PM) both 10 microns and smaller (PM10) and 2.5 microns and smaller (PM2.5). In addition to these four criteria pollutants the sixty compounds that are found on either the Hazardous Air Pollutants (HAPs) list or the list of ozone precursors as found in the Technical Assistance Document for Sampling and Analysis of Ozone Precursors for the Photochemical Assessment Monitoring Stations Program, Revision 2, and listed in Table 2 shall be thoroughly investigated. Continuous methane, non-methane hydrocarbons (NMHC), and total hydrocarbons (THC) will also be included in this investigation.	La-all	Journey to Justice area
13580320	SUNY at Albany	M: Nonprofit with 501C3 IRS Status (Other than Institution of Higher Education)	NY Capital District communities air quality measurement network based on low-cost sensors with community schools as sites and mobile lab measurements	•North-east Albany, Albany, NY, 12210 •South Albany, Albany, NY, 12202 •North-west Albany, Albany, NY, 12206 •North Troy, Troy, NY, 12180 •East Schenectady, Schenectady, NY 12304	None	2	NY	\$499,032.00	A NY Capital District communities air quality measurement network will be built based on low-cost sensors outdoor/indoor measurements with five community schools as sites and supplemented by mobile lab measurements. Analysis of these measurements will provide air pollution outdoor/indoor exposure estimations and promote policies and practices to improve air quality and health outcomes.	NY-020	
13580347	Jefferson County	B: County Government	Jefferson County Love My Air Initiative	Jefferson County, Colorado, including, but not limited to: Arvada (80005)Edgewater (80214), Golden (80401), Lakewood (80215), Lakewood(80228),and Littleton(80123).	None	8	CO	\$225,954.25	Jefferson County Public Health is proposing to create local capacity for underserved communities in Jefferson County to monitor and address their own air quality. JCPH plans partner with Jefferson County Public School sand other community-based organizations to replicate and expand on Denver Department of Public Health and Environment's highly successful Love My Air Program. This program will place low-cost, high-quality monitoring equipment at partner sites -providing real-time, particulate matter measurements on easy-to-understand, public facing dashboards JCPH will support partner grassroots outreach and education efforts. Data will be shared with county and state organizations that provide environmental health advocacy, research and reporting to the community.	7th	
13580355	Miami -Dade County/Solid Waste Mgmt	B: County Government	Promoting community-based air quality monitoring partnerships to overcome environmental and health disparities in Miami-Dade County	Miami-Dade County, Florida (Zip codes: 33176, 33160, 33196, 33141, 33180, 33185, 33056, 33055, 33186, 33054, 33127, 33129, 33142, 33189, 33158, 33130, 33187, 33136, 33137, 33139, 33125, 33145, 33134, 33138, 33133, 33150, 33156, 33149, 33173, 33170, 33012, 33014, 33168, 33183, 33182, 33184, 33174, 33172, 33175, 33030, 33013, 33194, 33177, 33157, 33033, 33032, 33144, 33126).	None	4	FL	\$499,988.00	Miami-Dade County has large health and socioeconomic discrepancies, which may be exacerbated by the uneven distribution of ambient air quality pollution sources in and around Environmental Justice and underserved communities. There is currently a very sparse network of ambient air quality monitoring stations, which do not consider the uneven distribution of pollution sources in vulnerable communities. This new program of work is proposed to expand and strengthen partnerships, engage community members in design and performance assessment of a new MDC clean air community partnership program: What's your 305 Air Quality? to ensure that environmental justice (EJ) communities are included as the central framework to help guide equitable and effective air quality mitigation actions.	24, 25	
13580361	Capital Area Council of Governments	E: Regional Organization	Speciated PM2.5 Monitoring in the Austin-Round Rock-Georgetown Metro Area	Austin-Round Rock-Georgetown Metropolitan Statistical Area (Bastrop, Caldwell, Hays, Travis, and Williamson Counties) in Central Texas	None	6	TX	\$206,540.00	CAPCOG proposes to install one speciated PM2.5 monitor in the Austin-Round Rock-Georgetown MSA. Outputs will be measurements of speciated PM2.5. Outcomes will include improvement of understanding the composition CAPCOG's EPA Grant Application for Enhanced Air Quality Monitoring for Communities - Speciated PM2.5Monitoring in the Austin-Round Rock-Georgetown Metro Area Page 2 of 12of PM2.5 in the region, better-targeted PM2.5 emission reduction actions, and expanded community capacity for future monitoring.	TX-010	

13580384	Tri-County Health Department	B: County Government	Love My Air Tri-County Community Air Network	Adams and Arapahoe Counties of Colorado -Commerce City, 80022; Bennett, 80601; Brighton, 80601; Thornton, 80260, 80229 & 802602; Northglenn, 802223 & 80234; Denver, 80221 & 80236; Centennial, 80015; Sheridan, 80236 & 80229; Englewood, 80110 & 80113	None	8	CO	\$403,996.00	TCHD, in partnership with eight community partners, has developed a community air monitoring network consisting of 20 particulate matter (PM2.5) sensors that display real-time, public facing data across Adams and Arapahoe Counties. This funding proposal will build on this established communityair monitoringnetwork, expand opportunities for community voice in air quality conversations and policy, increase opportunities for community capacity building, continue to build trust among partners and with community, and identify policy, systems, and environmental changes to promote public health and reduce air pollutants while leveraging existing air quality expertise. The key components of the project are a community air monitoring network, community partner learning cohort, community-driven projects that leverage data for educational and advocacy, and capacity building opportunities for community and community partners existing engagement offerings.	CO-008
13580389	Comite Civico del Valle, Inc.	M: Nonprofit with 501C3 IRS Status (Other than Institution of Higher Education)	Toxic Metals Monitoring Regional Network (ToMMoRW): High time resolution community-based air monitoring in California's Salton Sea air basin	The project is in the Salton Sea air basin, including the communities of Imperial and Eastern Coachella Valleys near the US-Mexico border. The Imperial communities include 7 cities of Brawley, Calexico, El Centro, Calipatria, Holtville, Imperial, and Westmorland, and 8 unincorporated territories which include Bombay Beach, Heber, Niland, Ocotillo, Palo Verde, Salton City, Seeley, and Winterhaven, in zip codes 922- (43, 27, 51, 50, 49, 44, 83, 33, 81, 73, 75, 75, 59, 66, 22). The ECV communities are Thermal, Oasis, Mecca, and North Shore (92274 & 92254.)	Community	9	CA	\$500,000.00	CCV (a California non-profit organization), in collaboration with the UCD AQRC and EHSC, will establish a regional air monitoring network in the highly polluted Salton Sea Air Basin to screen for toxic metal HAPs at low cost and high time resolution leveraging CCV's existing stationary particulate matter (PM) IVAN network. The budget is \$500,000 under the community-based organization set-aside. Deploying field-tested and peer-reviewed portable devices that can monitor toxic metal HAPs in real-time will help the underserved communities (URCs) determine the source of IEPA, 2017. Initial list of hazardous air pollutants with modifications [WWW Document]. US Environ. Prot. Agency. URL https://www.epa.gov/haps/initial-list-hazardous-air-pollutants-modifications 2HAPs and evaluate future actions that may reduce their emissions. We will review measured air pollutant concentrations, identify the emission sources, and apply the findings to improve the efforts of CCV and other community clean air advocates to reduce emissions together with public agencies.	51
13580401	Air Resources Board	A: State Government	Community Air Monitoring in California with Promoted Community Engagement and Partnership to co-design and implement air quality monitoring in two distinct environmental justice (EJ) communities	La Viña, CA 93637 and Maywood-Vernon-Bell-East Commerce, CA 90023	None	9	CA	\$499,100.00	The project will utilize community engagement and partnership to co-design and implement air quality monitoring in two distinct environmental justice (EJ) communities in California with the goal to inform the development of a statewide community air monitoring program and guide the enhancement of CARB's air toxics program.	CA-ALL
13580406	Bishop Indian Tribal Council	I: Indian/Native American Tribal Government (Federally Recognized)	Proposal for funding under the American Rescue Plan Act, Enhanced Air Quality Monitoring for Communities, 2023-2024, Bishop Paiute Reservation.	The Bishop Paiute Reservation is located in the Owens Valley in eastern California, near the Nevada border. The reservation itself comprises 875 contiguous acres and is flanked by the City of Bishop to the East. It is surrounded by private lands and by lands owned by the Los Angeles Department of Water and Power. The primary location of the project will be the Tribe's Air Quality Monitoring station, with supporting activity at additional locations as per partner participation.	Tribal	9	CA	\$67,398.00	We propose to purchase, install, and operate a continuous aethalometer at the Tribe's air station to investigate the composition of particle pollution from combustion sources impacting the Reservation community, and to make ancillary data collections using portable aethalometers for spatial comparison with the continuous data. The data will be used to inform the Tribal community of potential health improvement and pollution reduction opportunities, as findings allow.	CA-008
13580410	Coalition for Clean Air	M: Nonprofit with 501C3 IRS Status (Other than Institution of Higher Education)	AirAware - Empowering YMCA Communities to Use Real-time Data and Awareness to Reduce Pollution Exposure	<ul style="list-style-type: none"> •YMCA of West San Gabriel Valley(401 Corto St., Alhambra, CA 91801) •Diamond Bar/Walnut YMCA(22600 Sunset Crossing Rd., Diamond Bar, CA 91765) •Montebello Family YMCA(2000 W. Beverly Blvd, Montebello, CA 90640) •Southeast-Rio Vista YMCA(4801 E. 58th Street, Maywood, CA 90270) •Fairfield Family Branch YMCA(4809 Atlantic Ave., Long Beach, CA 90805) –Tentative Partner	None	9	CA	\$500,000.00	This project is designed to monitor air quality in historically disadvantaged communities in air quality monitoring gaps near major traffic routes and manufacturing facilities. Working directly with five YMCA locations in the Los Angeles area, we will deploy monitors in disadvantaged areas that currently lack air quality monitoring. Disadvantaged communities like these have been disproportionately impacted by the COVID-19 pandemic, and addressing airborne pollutants is key to reducing the risk of respiratory infections. We will provide education, real-time indoor and outdoor air quality information at study locations, access to the free AirVisual App to monitor air quality, and indoor air quality mitigation as appropriate at YMCA facilities to further improve community health outcomes.	CA-029
13580426	Fort McDermitt Paiute-Shoshone Tribe	K: Indian/Native American Tribally Designated Organization	FMPST's goal is to meet the statutory and regulatory purposes	The Reservation is located approximately, 4 miles southeast of McDermitt, Nevada and 70 miles north of Winnemucca, Nevada. The Reservation straddles the Nevada-Oregon Border, with approximately 40% of the reservation located in Humboldt County in Nevada and the remaining 60% within Malheur County in Oregon. The Tribal housing is located in Humbolt County, NV. Land status is 35,183.31 acres of Federal Trust, 145 acres allotted.	Tribal	9	NV	\$493,802.00	The goal of this project is to establish air quality monitoring for the Reservation by providing for the initial cost of installation of infrastructure require for air quality monitoring, staff training and capacity building. The program will provide the facilities and data for scoping a longer term, permanent air quality monitoring program and provide meteorological data to support water resources projects. The issues to be addressed include air quality pollutants from known sources due to historic mining, wildfires, agriculture and vehicles plus planned and currently permitting mining in the airshed (Quinn River Valley).	NV
13580437	The Keya Foundation, Inc.	M: Nonprofit with 501C3 IRS Status (Other than Institution of Higher Education)	Cheyenne River Sioux Tribal community exposures to metals in the air	Cheyenne River Sioux Reservation, South Dakota. Counties of Dewey and Ziebach, communities included are Eagle Butte (57625), Timber Lake (57656), Cherry Creek (57622).	Community	8	SD	\$406,482.00	The overall objective of this research is to generate current outdoor air pollution information for the Cheyenne River Sioux Tribal communities in South Dakota. The goal is to measure CRST specific ambient exposure levels to metals in the air they breathe. Measurements will include both PM2.5 - associated metals and mercury (Hg) vapor.	SD-001
13580440	Humboldt State Univ Foundatio	M: Nonprofit with 501C3 IRS Status (Other than Institution of Higher Education)	Klamath River Watershed Air Monitoring Network in Partnership with Karuk Tribe and Blue Lake Rancheria Tribe	Klamath region of Northern California, consisting in Year 1 of two watershed regions, each associated with one of the project partners. First, associated with the Karuk Tribe, a portion of the Klamath River watershed of Northern California, upstream from the confluence with Bluff Creek, to Upper Klamath Lake; second, associated with the Blue Lake Rancheria Tribe, the entire reach of Baduwa't (the Mad River). The entire proposed network encompasses all or parts of Humboldt, Siskiyou, Del Norte, and Trinity counties. The overall network area is approximately 29,000 square kilometers.	None	9	CA	\$500,000.00	This project will establish the Klamath Region Community Air Monitoring Network -a community operated network of real-time particulate matter sensors (PM) with supporting calibration and data management infrastructure to serve communities in the Klamath region of Northern California heavily affected by wildfires and industrial emissions. The project builds on collaborations between three groups located in the region -Schatz Energy ResearchCenter(Schatz Center), the Karuk Tribe, and the Blue Lake Rancheria Tribe -to deploy 100 low-cost PM sensors in outdoor and indoor locations (75%/25% split), near-reference and reference method PM2.5monitors, and black carbon monitors to assess air quality in our region. Our project includes activities that engage community members in understanding how data from the network can be incorporated into community-specific program decision making, tools and resources to ensure the quality of data and air monitor performance, and capacity-building resources and knowledge sharing infrastructure to foster partnership and sustain the usefulness of the air network into the future.	CA-002
13580445	Southern Research Institute	M: Nonprofit with 501C3 IRS Status (Other than Institution of Higher Education)	Understanding and Evaluating Neighborhood-level variation in criteria pollutant levels in North Birmingham and Birmingham's West End	North Birmingham, Birmingham, AL (Zip codes: 35207, 35234) West End, Birmingham, AL (Zip codes: 35211, 35221)	None	4	AL	\$437,889.00	This project will monitor criteria air pollutant concentrations in two underserved neighborhoods in Birmingham, AL as well as monitor concentrations of key volatile organic compounds including naphthalene and benzene. The goal is to provide these communities with near-real time access to data on the quality of the air that they are breathing and better understand emission patterns and exposures.	AL-007

13580451	Appalachian Voices	M: Nonprofit with 501C3 IRS Status (Other than Institution of Higher Education)	Upper South and Appalachia Citizen Air Monitoring Project	- Keystone, WV - Washington and Greene Counties, PA - Clairfield, TN - Raleigh County, WV - Buckingham County, VA - Bristol, VA - Institute, WV - Letcher, Floyd, and Kenton Counties, KY - Memphis, TN - Westmoreland County, PA - Pittsylvania County, VA - Buckingham County, VA - Norfolk, VA - Wise and Lee Counties, VA - Grundy County, TN - Wise, VA - McCoy, VA - Elliston, VA - Claxton, Cumberland City, and Kingston, TN	None	03; 04	KY, PA, TN, VA, WV	\$118,297.00	A citizen science based project to deploy 60 low cost PM monitors in Environmental Justice communities across 6 states, analyze this data and make it publicly available, and to support these communities' engagement in local and regional air quality issues. In addition, project partners will will conduct SOA/ VOC monitoring in two EJ communities.	VA-009
13580457	Imperial County APCD	D: Special District Government	Goal is to provide communities with means to monitor the air quality and aid in the understanding of real-time data, which are well-aligned with the EPA program objectives.	Calexico, CA, 92231 Seeley, CA, 92276 Brawley, CA, 92227	None	9	CA	\$481,250.00	In this proposal, we are seeking to expand upon the current air quality monitoring work being conducted to better understand the potential air quality impacts of the New River. Air monitoring equipment will be relocated to the environmentally burdened communities of Seeley and Brawley, CA, which also border the New River. Monitoring will occur for one year at each site and includes measurements of hazardous air pollutants including H2S, NH3, and BTEX, and meteorological parameters. Mid-cost and low-cost sensors will also be deployed in Calexico, Seeley, and Brawley for a 3-year period. All data will be displayed on a public-facing website.	CA-051
13580463	Clean Air Council	M: Nonprofit with 501C3 IRS Status (Other than Institution of Higher Education)	Community Based Air Quality Monitoring in Environmental Justice (EJ) communities along the Industrialized I-95 corridor in Southeast Pennsylvania	I-95 Corridor from Marcus Hook through Trainer and Chester in Delaware County PA up through Eastwick in Southwest Philadelphia	Community	3	PA	\$419,446.00	The Council seeks to develop and expand existing community-based air monitoring pilot projects in environmental justice communities along the industrialized I-95 corridor in Delaware County and Southwest Philadelphia, PA.	PA-005
13580475	Swinomish Indian Tribal Community	I: Indian/Native American Tribal Government (Federally Recognized)	Enhancing Swinomish Air Quality Monitoring of SO2 and H2S and Community Response & Engagement to Hazardous Gas Releases	La Conner, Skagit County, WA	Tribal	10	WA	\$304,077.00	Purchase one (1) 450Q from Thermo Fisher Scientific and associated equipment required for calibration (i.e. standard gases, regulators, etc.). Install equipment and supplies at two (2) stations allowing for the non-regulatory monitoring of SO2, H2S, and PM2.5 with visibility as well as monitoring atmospheric stability at three (3) stations. Contract with Campbell Scientific to develop a Data Acquisition System (DAS) that collects the weather, particulate, and gaseous concentrations but also implements automated QA/QC, zero/span, multipoint checks on gas monitors. Develop QAPP and SOPs for ensuring QA/QC of new monitoring. Solicit and consider the needs of the public and emergency responders to create a dual-sided website with real-time weather and AQ monitoring data for these two distinct consumers to make informed decisions on personal and public safety, respectively.	WA 002
13580477	Connecticut Department of Public Health	A: State Government	DPH and project partners will develop a pilot project intended to raise community awareness of air pollutants using a community-based educational toolbox.	Ansonia and Derby, CT	None	1	CT	\$500,000.00	DPH and project partners will develop a pilot project intended to raise community awareness of air pollutants using a community-based educational toolbox and a web-based dashboard. The project will establish a network of low-cost air sensors to provide real-time measurements of pollutants of concern (PM2.5 and ozone) in environmental justice communities and provide training modules and an education and outreach campaign for community members to lead long-term air sensor network operation. The toolbox and real-time reporting dashboard will provide information about the effects of poor air quality days on health and link to existing programs to support community health.	CT-all
13580478	Clean Air Carolina	M: Nonprofit with 501C3 IRS Status (Other than Institution of Higher Education)	Sampson County Air Monitoring Network	: Sampson County, North Carolina, 28328, 28334, 28458, 28382, 28341, 28366, 28318, 28441, 28453, 28344, 28385, 28393, 28444, 28447, 28329	None	4	NC	\$500,000.00	CleanAIRE NC, in partnership with Environmental Justice Community Action Network, will establish an air monitoring network in Sampson County to address long-standing health inequities and environmental justice implications caused by cumulative air pollution impacts from non-traditional sources. We will measure particulate matter less than or equal to 2.5 microns in aerodynamic diameter (PM2.5), volatile organic compounds (VOCs), specified VOCs, and hydrogen sulfide (H2S) emitted from swine and poultry concentrated animal feeding operations (CAFOs), Sampson County Landfill, and Enviva Sampson wood pellet facility. Twenty community members, known as AirKeepers, will host PurpleAir sensors (low-cost sensors that report PM2.5) and engage in data collection via study design and implementation. CleanAIRE NC will work with partner organizations and AirKeepers to implement clean air education, technology and advocacy training to facilitate understanding of the data, increasing agency and empowerment.	7
13580479	Comite Civico del Valle, Inc.	M: Nonprofit with 501C3 IRS Status (Other than Institution of Higher Education)	Community air quality monitoring with the Identifying Violations Affecting Neighborhoods (IVAN) program in environmental justice communities.	Imperial County, Eastern Coachella Valley, San Joaquin Valley, Bayview Hunters Point	Community	9	CA	\$500,000.00	Maintenance, operations, and upgrades o the IVAN Air real-time air monitoring network & air quality education all in the Salton Sea airshed for community members exposed to bad air quality days and high episodes of particulate matter.	
13580482	Centro Fronterizo del Obrero (dba) La Mujer Obrera	M: Nonprofit with 501C3 IRS Status (Other than Institution of Higher Education)	Chamizal Community Action Plan: a block-by-block, hyper-local air quality data collection and mitigation advocacy	Barrio Chamizal, El Paso, TX, 79901 & 79905	Community	6	TX	\$500,000.00	The proposed air monitoring campaign is designed to empower the Chamizal community by creating a mitigation plan armed with quantitative and qualitative data to protect the health of the residents of the neighborhood. The data will provide a verified baseline with analysis across transportation emissions, environmental justice concerns, known pollution sources, and localized environmental justice screening.	16
13580487	Fallon Paiute Shoshone Tribe	I: Indian/Native American Tribal Government (Federally Recognized)	Fallon Paiute-Shoshone Tribe: Air Quality Monitoring for Communities.	Fallon Paiute-Shoshone Tribal Colony and Reservation located in Fallon, Nevada 89406.	Tribal	9	NV	\$150,000.00	This project will focus on monitoring for PM 10 and PM 2.5. Gathering data will not only be valuable to the community, but will also portray the severity of the unhealthy air quality as it changes from year to year as the wildfire season only seems to increase in severity	NV-02
13580507	Environmental Community Action Inc.	M: Nonprofit with 501C3 IRS Status (Other than Institution of Higher Education)	Metro-Atlanta Clean Air Initiative	Benefits of the project will be realized in 5 Metro Atlanta (Georgia) neighborhoods, specifically 1) the Bruce Street Community, Lithonia, Georgia, zip code 30058, 2) the Chapel Hill neighborhood, Decatur, Georgia, zip code 30034, 3) the Peopletown neighborhood, Atlanta, Georgia, zip code 30315, 4) the Pittsburgh neighborhood, Atlanta, Georgia, zip code 30315, and 5) sections of the City of South Fulton, Georgia, zip code 30213.	None	4	GA	\$475,947.00	ECO-Action, working in partnership with Emory University and other nonprofit organizations, will install air monitoring equipment, collect air samples, share sample data and train residents in five communities so they can advance their advocacy efforts to address longstanding air quality problems where they live. Project outputs include deploying 7 air quality monitors (three of which will be furnished using EPA funds) in underserved communities to collect data over a one-year period; making near real-time air quality data available for the communities and other stakeholders; providing 8-10 training sessions to a minimum of 75 people and working with each of 5 communities to develop specific strategies to reduce the effects of air pollutants on their health. The long-term outcome of this project is to reduce human exposure to the identified pollutants. The shorter term objectives are to provide additional data that helps community members identify the type and extent of the problems they are confronting, increase community awareness of the risks associated with air pollutants in their communities, and to increase access to information and tools that will help community members decrease the impacts of these pollutants on the environment and on their health.	GA05
13580511	South Coast AQMD	D: Special District Government	Empowering Community-based Air Quality Monitoring through the South Coast AQMD Sensor Library Program	City of Pomona CA, City of Riverside CA, Vista Hermosa (a community in the City of Los Angeles, CA, zip codes: 90017, 90057, and portions of 90026)	None	9	CA	\$499,900.00	This project aims to enhance air monitoring in Southern California Environmental Justice communities by leveraging community/government/academic partnerships to deploy air quality sensors, equipped to collect high-quality data, according to a plan that reflects community concerns and questions. The collected data will inform community-led action to reduce pollutant emissions and exposures at the local level, thereby helping to reduce existing disparities in health outcomes. Solidifying the efforts of this work, South Coast AQMD's existing pilot Sensor Library Program will be enhanced and expanded to serve residents by facilitating increased monitoring in communities beyond the project period.	27-49
13580517	South Coast AQMD	D: Special District Government	Enhanced measurements of PM2.5 chemical composition and size distribution in Wilmington, CA	Wilmington, California, 90744	None	9	CA	\$500,000.00	The proposed project aims at enhancing the monitoring of PM2.5 and its chemical components (including several HAPs) and physical properties in Wilmington, California (a community that has been disproportionately impacted by air pollution and the COVID-19 pandemic) using a suite of advanced fast-response instruments. This project will build on an existing partnership with community representatives, and the results of this study will provide new information on major sources of air pollution such as ship emissions, ports activities, and goods movement and their relative contribution to air quality in Wilmington and the surrounding areas.	27-49
13580523	City Of Paramount	C: City or Township Government	Continue air monitoring services for hexavalent chromium for additional two years.	•City Hall: 16400 Colorado Avenue, Paramount, CA 90723 •Press Forge: 7700 Jackson Street, Paramount, CA 90723 •Aerocraft Heat Treating Co.: 15701 Minnesota Avenue, Paramount, CA 90723 •Wesley Gaines Elementary School: 7340 Jackson Street, Paramount, CA 90723 •Lincoln Elementary School: 15324 California Avenue, Paramount, CA 90723	None	9	CA	\$319,754.00	The City of Paramount seeks federal funding from the Enhanced Air Quality Monitoring for Communities grant from the Environmental Protection Agency (EPA) to continue to track the ambient air monitoring program for a two year period intended to measure and monitor possible community exposure to Hexavalent Chromium [Cr(VI)] and ensure metal related businesses who produce Cr(VI) emissions are not emitting pollutants at harmful levels (more than 0.06 nanograms).	CA-40

13580525	Group Against Smog & Pollution Inc	M: Nonprofit with 501C3 IRS Status (Other than Institution of Higher Education)	Ambient Air Monitoring and Air Sampling Project to Estimate Hazardous Air Pollutant (HAP) Emissions, Leveraging Crowd-Sourced Odor Reporting and Community-Owned Monitoring Networks	Monitoring networks and residents impacted from this project are located in the following zipcodes that stretch from Donora, PA in the south of the Monongahela Valley to Neville Island, PA in the north: 15022, 15072, 15062, 15366, 15012, 15033, 15087, 15063, 15067, 15332, 15020, 15038, 15088, 15025, 15037, 15045, 15133, 15132, 15122, 15110, 15104, 15120, 15207, 15203, 15219, 15217, 15218, 15225, 15203, 15213. Community hubs for the project are based in 4 areas, Elizabeth Township, PA; Monongahela River Valley (Mon Valley) between Clairton and Braddock, PA; Pittsburgh, PA; Neville Island, PA.	None	3	PA		\$499,781.00	This project aims to expand community-owned air monitoring networks, and speciate HAPs with TO-15 sampling to equip residents from across the region with hyper-local, accurate estimates of ambient air pollution exposure. It builds on crowd-sourced odor reporting data from over 1000 unique individual reporters in the Smell PGH app, and monitoring networks facilitated by community groups throughout the Southwestern Pennsylvania region	PA-014	
13580529	Special Service for Groups, Inc.	M: Nonprofit with 501C3 IRS Status (Other than Institution of Higher Education)	Clean Air San Gabriel Valley (Clean Air SGV)	•Alhambra, CA (Zip Codes: 91801, 91803) •Monterey Park, CA (Zip Codes: 91754, 91755, 91756)	None	9	CA		\$100,000.00	The Clean Air SGV program will achieve three main objectives: (1) to develop a robust air monitoring plan with community members, (2) to monitor local air quality trends in Alhambra and Monterey Park to identify disproportionate air pollution impacts and sources of particle pollution, and (3) to develop new meaningful relationships with organizations working to improve air quality along the Goods Movement Corridor in Los Angeles in order to develop and coordinate sustainable solutions to address community air pollution concerns. The successful completion of these tasks will help facilitate short term (increasing awareness and information about local air quality), intermediate term (developing community led policy solutions and mitigation strategies), and long-term (reducing human exposure to toxic air pollutants) outcomes.	CA-027	
13580535	FracTracker Alliance	M: Nonprofit with 501C3 IRS Status (Other than Institution of Higher Education)	Community-Based Ambient Air Monitoring to Evaluate Criteria Pollutants and Air Toxics Related to Unconventional Oil and Gas Development in the Ohio Valley	Steubenville, OH, Jefferson County 43952&43953Shadyside, OH, Belmont County 43947Wellsburg, WV, Brooke County 26070Follansbee and Weirton, WV, Brooke County 26037 & 26062Moundsville, WV, Marshall County 26041Weirton, WV, Hancock County 26062	None	3	PA		\$495,301.00	This ambient air monitoring project focuses on underserved communities in the heavily industrialized Ohio River Valley, where health indices rank among the worst in the nation. This project expands upon an ongoing community-science project launched in 2020 that uses low-cost monitors to provide real-time data for a variety of pollutants associated with Unconventional Oil and Gas Development (UOGD) and petrochemical-related industries that have rapidly proliferated in the region. Community science has validated residents' concerns, provided opportunities for increased participation and involvement, and supported ongoing efforts to improve air quality in the region.	OH-006	
13580539	Housing Authority of the City of Elizabeth	L: Public/Indian Housing Authority	Project Title: Addressing Ambient Air Pollution at the Housing Authority City of Elizabeth. An Urban Housing Authority Demonstration Project.	Elizabeth, NJ Census blocks: 304 (seven locations), 319.04 (two locations), 311, 306, 398.01. The thirteen (13) HACE properties are located within the designated Census Blocks; seven (7) of these are public housing complexes and six (6) HACE Affordable Housing Properties	None	2	NJ		\$500,000.00	The Housing Authority of the City of Elizabeth (HACE) in partnership with residents, local environmental non-profit Groundwork Elizabeth, and academic partner Rutgers University, will engage HACE residents to increase community knowledge of air pollution and provide actionable data. The project produces air quality readings from 13 locations utilizing a network of air quality sensors. The data will be uploaded, processed and released to the 1,604 residences at and around which sensors are placed via Community Knowledge Boards at each location. HACE will employ residents as Air Stewards to monitor sensors and engage the Mayor's Youth Council (ages 14-18) and the HACE HEAT (HACE Environmental Adventures Team, ages 14-18) will mobilize community residents. The HACE community will present analyzed data to the City of Elizabeth that will enable actions to be taken and resources to be accessed, resulting in an increase in environmental health and wellness in the City. At project's end, HACE will assume costs necessary to perpetuate the project in their operating budget, including the newly created position of Environmental Justice, Project Coordinator at HACE. The City of Elizabeth supports this application without hesitation. This partnership is also supported by the Elizabeth Development Company, the Elizabeth Urban League and the Elizabeth NAACP.	NJ-020	
13580549	Blue Lake Rancheria	I: Indian/Native American Tribal Government (Federally Recognized)	Blue Lake Rancheria's Enhanced Community Air Quality Monitoring Project	Blue Lake Rancheria, Humboldt County, California	Tribal	9	CA		\$306,209.00	The Blue Lake Rancheria's Environmental Programs Department and partners seek to contract with an experienced consultant to build capacity of tribal environmental staff to conduct air quality monitoring; to deploy equipment to collect quality-assured data on pollutants of concern for the community; and to engage the community through partnerships and a new library loan program of air quality sensors.	02	
13580552	FracTracker Alliance	M: Nonprofit with 501C3 IRS Status (Other than Institution of Higher Education)	Robinson/Smith AirWatch Project: A Case for Assessing Cumulative Air Pollution Impacts from Shale Gas Operations using Community-Based Ambient Air Monitoring and Air Sampling Technology in Robinson an	Robinson Township and Smith Township, Washington County PA - with a focus on the areas of Bulger, PA 15019 and Burgettstown, PA 15021	None	3	PA		\$430,001.00	Pennsylvania's natural gas output has grown forty-fold since 2010, faster than any state - and without any consideration for the cumulative impacts. The rapid expansion of these operations has caused serious disruptions for local communities, particularly rural communities in Robinson and Smith Townships, Washington County. The project will deploy ambient air monitoring equipment to better assess emissions from the increased shale gas industrial buildout and use that data to educate local community members, elected officials and regulators on the need for a cumulative impact analysis requirement as part of all permitting procedures.	PA-014	
13580559	City of Madison	C: City or Township Government	Building Sensor and Community Partnership Networks for Air Quality in Madison, Wisconsin	Madison, Wisconsin. Zip codes: 53593, 53703, 53704, 53705, 53706, 53713, 53714, 53715, 53716, 53717, 53718, 53719, 53726, 53792	None	5	WI		\$429,746.00	The City of Madison will lead a collaborative project to install a city-wide network of air quality sensors to provide real-time, ground-level, publicly accessible information on particulate matter pollution at the neighborhood scale. The team will engage the Madison community through multiple avenues to raise awareness about the connections between air quality and health, with a focus on BIPOC communities, and ensure that community input is reflected in the design and deliverables of the project. Using data from the network, we will characterize the spatial distribution of PM pollution across the city, identify neighborhoods experiencing the greatest levels of PM air pollution, and work with the community to determine next steps for improving air quality and protecting the health of residents.	WI-002	
13580565	Sequoia Foundation	M: Nonprofit with 501C3 IRS Status (Other than Institution of Higher Education)	Establishing the Bay Area Community Air Quality Collaborative	San Francisco Tenderloin (94102), SoMa Neighborhoods (94103) Bayview Hunters-Point (94124), South San Francisco (94080), & East Oakland (94619, 94601, 94605, 94621, 94603)	None	9	CA		\$499,895.00	We propose creating a regional, resource-efficient collaboration of community-based organizations, government collaborators, data analysis stakeholders, and technology partners in the California Bay Area that will undertake 1) community engagement & community-specific needs-assessment activities, 2) support air quality capacity-building, 3) deploy a public network of low-cost air sensors throughout three California Bay Area environmental justice communities (Eastern San Francisco, East Oakland and South San Francisco) and 4) promote best practices in community air monitoring derived from our activities. All sensor data, monitoring cases studies, and best practices will be documented and disseminated to benefit future community led air monitoring activities.	CA-012	
13580566	Warehouse Workers' Justice Center	M: Nonprofit with 501C3 IRS Status (Other than Institution of Higher Education)	Community Air Quality Testing Around North America's Largest Inland Port	Will County, Illinois, USA. Zip codes will include 60421, 60432, 60433, 60435, and 60436.	None	5	IL		\$456,169.81	In partnership with Lewis University, Warehouse Workers for Justice will conduct community-organized air quality testing in areas with high levels of air pollution in Will County, IL. The project will generate the first detailed data on air pollution in low-income, majority-minority neighborhoods near the United States' largest inland port, and will engage community members in planning and decision making around local air quality.	IL-011	
13580574	The Green Door Initiative	M: Nonprofit with 501C3 IRS Status (Other than Institution of Higher Education)	Managing Detroit's Air for Environmental Justice	Detroit, Michigan	Community	5	MI		\$496,700.00	The GDI team will expand the existing network of multi-pollutant community-scale sensors in Detroit, engage Detroiters in a community air advisory network to ensure the community has a voice in air monitoring, and build community capacity and knowledge to use and apply local-scale, real-time air quality information. Our project will lead to improvements in local air quality, enhanced local partnerships, and a reduction in disproportionate health impacts that Detroit residents experience.	13	
13580580	Groundwork Ohio River Valley	M: Nonprofit with 501C3 IRS Status (Other than Institution of Higher Education)	What else is in the air? Connecting air quality to citizen climate advocacy & action	Avondale, Cincinnati, Ohio, 45229 & 45220 Bond Hill, Cincinnati, Ohio, 45237 English Woods, Cincinnati, Ohio, 45225 Millvale, Cincinnati, Ohio, 45225 & 45223 North Fairmount, Cincinnati, Ohio, 45225 Norwood, Ohio, 45212 Roselawn, Cincinnati, Ohio, 45237 South Cumminsville, Cincinnati, Ohio, 45223 South Fairmount, Cincinnati, Ohio, 45214 Winton Hills, Cincinnati, Ohio, 45232	Community	5	OH		\$482,662.00	This project aims to expand Groundwork Ohio River Valley's current air quality education, training, and monitoring programming for 320 youth employees and 50 neighborhood residents on Air Quality Monitoring techniques and air pollution health education. This community-driven monitoring project compiles neighborhood and individual-level air toxin exposure rates and uses this data to advocate for mitigation efforts. Funding from this grant would expand Groundwork's newly established air quality monitoring program by investing in the technology necessary for effective air quality monitoring and compensating community members for their time.	OH-001	
13580584	Wildlife Habitat Council	M: Nonprofit with 501C3 IRS Status (Other than Institution of Higher Education)	Collaborative Air Quality Monitoring in Industrial Communities of the Great Lakes Region	Neighborhoods adjacent to heavy industry in Detroit (SE MI: zip codes 48213, 48214, & 48217) and the Calumet watershed (South Chicago, IL: zip codes 60617 & NW IN: zip code 46368).	None	5	MI, IL		\$460,000.00	This project seeks to engage a wide variety of Great Lakes regional partners such as corporations, educational coalitions, individual educational institutions, and community centers. Partners will collaborate to monitor and improve air quality in highly impacted and under resourced neighborhoods of Detroit, MI, and the Calumet watershed of South Chicago, Illinois. This work will expand on community capacity to monitor air quality, quantify the effects of corporate-implemented green infrastructure and other nature-based solutions on local air quality, and engage high school and college students in data interpretation to facilitate long term transfer of skills from technical partners to interested residents. Deploying sensors at schools, ecological reclamation sites, alley activation sites, and community centers, and providing those partners with the technical insight needed to understand and share the collected information will build a powerful network of information about these highly impacted regions, led by the residents most challenged by the historic conditions.	MI-013	Multistate project
13580585	Tule River Tribal Council	I: Indian/Native American Tribal Government (Federally Recognized)	Establishing Data-driven Community Mitigation Strategies for Climate Change and Air Quality on the Tule River Indian Reservation	Tule River Indian Reservation 340 N. Reservation Road Porterville CA 93257	Tribal	9	CA		\$500,000.00	This project will establish community air quality monitoring, data collection and community engagement in an effort to assess and mitigate impacts of climate change and wildfire smoke, on the Tule River Indian Reservation. A collaborative effort will be initiated, with technical partners and Tribal representatives to create awareness, begin responsive actions and ultimately establish a permanent air quality monitoring station for the Tribal community. The intent for this project is to address climate change, specifically increased wildfire smoke impacts, through community team building and professional partnership development and collaboration.	CA-17	

13580590	Lubbock Compact Foundation	M: Nonprofit with 501C3 IRS Status (Other than Institution of Higher Education)	Lubbock Environmental Action Plan (LEAP) for Communities	<ul style="list-style-type: none">●Buadalupe Neighborhood●Bhatman-Hill●Dunbar/Manhattan Heights●Arnett Benson Neighborhood●Jackson-Mahon Neighborhood●Barkway/Cherry Point●Yellow House Canyon	Community	6	TX	\$482,959.79	The Lubbock Environmental Action Project (LEAP) for Communities is a partnership between Lubbock Compact (a local 501c3) and Dr. Karin Ardon-Dryer to install and maintain a network of 40 air monitors over 3 years. This project investigates the potential causes for documented health disparities in target neighborhoods, empowering these residents with the data needed to better advocate for their own health in a century-long struggle for environmental justice.	TX-19	
13580593	Charleston Community Research to Action Board (CCRAB)	M: Nonprofit with 501C3 IRS Status (Other than Institution of Higher Education)	Enhanced community air monitoring network in eight(8) environmental justice communities in Charleston County, SC.	Rosemont (Charleston, SC, 29405); Accabee, Chicora-Cherokee, Five Mile, Howard Heights, Liberty Hill and Windsor Place (North Charleston, SC, 29405).	Community	4	SC	\$499,715.00	CCRAB will leverage academic, community and agency partnerships to establish a state-of-the-art community air monitoring network in eight (8) environmental justice communities. Through deployment of fixed-site near-reference monitors and PurpleAir screening monitors, capacity-building and educational programming, and a portfolio of data communication tools, CCRAB will establish capacity of communities to conduct long-term monitoring of air pollution in real-time, understand air quality data and related health impacts, and guide air quality research and interventions long-term. Nationally, project results will contribute knowledge to EPA's Ports Initiative and efforts to improve community-port collaborations.	SC-6	
13580596	CWF HQ DC - Clean Water Fund	M: Nonprofit with 501C3 IRS Status (Other than Institution of Higher Education)	Community Air Monitoring Program (CAMP)	Grays Ferry and Point Breeze neighborhoods, Philadelphia PA (zip codes 19146 and 19145)	None	3	PA	\$340,880.00	Our proposal provides an innovative plan to engage our community with insightful and empirical documentation about the essential yet invisible quality of air around our Grays Ferry and Point Breeze neighborhoods. Our science-informed methodology will monitor the changing patterns of the dynamic air quality in our community in South Philadelphia. The air measurements will reveal and document the patterns of toxicity, and this data will support and empower our community to advocate for the sovereign right to environmental justice and equity.	PA003	
13580599	Upper Mattaponi Indian Tribe	I: Indian/Native American Tribal Government (Federally Recognized)	Tribal Community Air Quality Capacity Building and Monitoring Project	The Upper Mattaponi Tribal community and the greater York River watershed in Virginia.	Tribal	3	VA	\$449,988.00	The primary objectives of this project include building Tribal capacity to implement an air quality program by 1) training Tribal citizens in air quality knowledge and skills; 2) developing a community advisory board, 3) installation and maintenance of a Tribal Air Quality Monitoring Station, 4) assessment of Tribal community air quality and opportunities. This project leverages strategic partnerships, enabling the Tribe to gain the necessary training, tools, research, and support to bring data monitoring into the Tribe's decision making process, ultimately empowering them to better serve their community.	VA-001	
13580600	Cocopah Indian Tribe	I: Indian/Native American Tribal Government (Federally Recognized)	Establish Long Term Air Quality Monitoring Capacity at the Cocopah Indian Tribe	Cocopah Indian Reservation Somerton, AZ 85350	Tribal	9	AZ	\$185,029.00	This project will establish long term air quality monitoring capacity at the Cocopah Indian Tribe through the deployment of air monitors, data collection and analysis, staff training, and community outreach.	7	
13580602	JASTECH Development Services, Inc	M: Nonprofit with 501C3 IRS Status (Other than Institution of Higher Education)	Overbrook Breathe Right Community Air Monitoring Project	Western Philadelphia- zip codes: 19139, 19151, 19131, 19104	Community	3	PA	\$333,121.00	Goal is to increase awareness of air pollution in targeted EJ communities of West Philadelphia. With the engagement of community members in the Overbrook/Wynnefield/Mill Creek/ Mantua communities, the "breathe right" project will monitoring 5 criteria pollutants and analyze several heavy metals.	3rd	
13580603	Pepperwood Foundation	M: Nonprofit with 501C3 IRS Status (Other than Institution of Higher Education)	Building Capacity of Vulnerable Communities in California's Fire-Prone North Coast to Collect Air Quality Data and Access Solutions	Northern Sonoma County, CA, centered around 95404	Community	9	CA	\$499,347.00	This proposal will empower members of Northern Sonoma County's large LatinX population and local seniors (including seniors with disabilities) to benefit from recent advances in costeffective air quality sensor networks in the face of increasingly intense seasonal wildfire smoke impacts. Pepperwood and partner organizations will engage members of these at-risk populations to assess their needs and increase the extent, availability and accuracy of air quality data in rural areas by adding sensors to an existing fire and flood situational awareness network. This work will fill critical air quality data gaps and boost existing environmental justice efforts to leverage data and co-create bi-lingual outreach materials to mitigate potential health impacts during extreme wildfire smoke air quality events.	CA-002	
13580604	Skagway Village (DBA Skagway Traditional Council)	I: Indian/Native American Tribal Government (Federally Recognized)	Skagway Air Quality Monitoring Network	Skagway, AK 99840	Tribal	10	AK	\$397,169.00	Skagway Traditional Council, Klondike Gold Rush National Historical Park, and the Municipality of Skagway will combine air quality monitoring efforts and equipment into a single array calibrated to a FEM unit, modeled after a similar sensor array deployed at Hawai'i Volcanoes National Park. Currently owned equipment will receive upgrades necessary to operate efficiently within the array. A publicly available digital dashboard will be created and maintained to inform the community about air quality events in real-time.	AK-00	
13580605	Black Parents United Foundation	M: Nonprofit with 501C3 IRS Status (Other than Institution of Higher Education)	Characterization of Ozone, Ozone Precursors, and Atmospheric Volatile Organic Compounds Related to Oil and Natural Gas Operations in Aurora, Colorado	City of Aurora, Colorado; Denver Metro Area; zip codes 80010, 80011, 80012	Community	8	CO	\$472,656.00	We will monitor atmospheric ozone, Volatile Organic Compounds, methane, and PM2.5 in the disproportionately impacted BIPOC and low-income communities in Aurora, Colorado, with data to be disseminated in real-time to a web portal for informing the public and the city. Monitoring will provide data to inform a community-led policy-making process and to educate Aurora community members, elected officials, and policymakers on air pollutants and environmental justice.	6th	
N/A 2	Lake County Environmental Works	M: Nonprofit with 501C3 IRS Status (Other than Institution of Higher Education)	Ethylene Oxide Monitoring in Lake County, IL		Community	5	IL	\$270,350.00	Two major ETO emitting facilities are located in Lake County: Vantage Oleochemicals in Gurnee and Medline Industries Inc. in Waukegan. LCEW members have worked over the last three years to address outstanding cancer risks associated with elevated ETO levels. Previous air quality testing has not validated that emission controls are adequately protecting the community, downwind ETO emissions appear to be higher than expected levels based on permit models, and possible warehouse ETO emissions have yet to be monitored or controlled. The goal of LCEW is to lead air testing for ETO to address these issues for the community and demonstrate a methodology for other communities.	IL-10	Project involves ethylene oxide
N/A 3	Play Marin	M: Nonprofit with 501C3 IRS Status (Other than Institution of Higher Education)	Community-Led Air Quality Monitoring in Marin City	Marin City, CA, 94965	None	9	CA	\$498,828.00	MCCRHI proposes a project to deploy a strategically placed network of air quality monitors for PM2.5, NO2, and BC that will be maintained by the community, and train community members to conduct traffic counts and indoor air monitoring for potential health triggers. Air quality data collected through this project will be analyzed and interpreted with the Marin City community and used for modeling interventions and planning for action to protect public health.	CA-2	
N/A 6	United Latinos, Promoviendo Accion Civica	M: Nonprofit with 501C3 IRS Status (Other than Institution of Higher Education)	Educating the Heart - Empowering the People Scientists, Educators, and Artists Coming Together to Share Knowledge	Sacramento, CA 95820 in the South Oak Park neighborhood around Christian Brothers High School and Oak Ridge Elementary School (Census tracts 3700 and 4402) as well as within the Twin Rivers School District around Grant High School Sacramento, CA 95838 (Census tracts 6501 and 6600)	None	9	CA	\$416,395.00	Deliver proven air quality monitoring curriculum that will be culturally sensitive to the student demographics in a Sac City School District School from within the Oak Park Neighborhood and the Twin Rivers School District in North Sacramento that falls into the Promise Zone, EJ Zone, or AB617 designated geographic area. Education will be provided by scientists, educators and arts integration specialists training students and community members about indoor and outdoor air quality issues. Training will be followed by deployment of commercially available air quality monitors in their schools and surrounding neighborhoods and low-cost personal portable sensors in school bus routes. The expected output will be a report that can be easily digested by the community, with the objective of capturing and analyzing air quality data. The expected output will be a report that can be easily digested by the community and presentation of the findings as well as a toolkit that can be used by other school districts to replicate the project in their jurisdictions. Mitigation strategies will come from the participants and community and added to the report where it will be presented before the air quality management board and city and county officials along with community action plans. This would be followed by public art projects relevant to the issues facing the project community.	CA-6	
N/A 8	Port Arthur Community Action Network	M: Nonprofit with 501C3 IRS Status (Other than Institution of Higher Education)	Community Air Monitoring - Port Arthur to Lake Charles	Greater Port Arthur, Texas; Lake Charles, Louisiana.	None	6	TX, LA	\$407,600.00	Port Arthur, Texas and Lake Charles, Louisiana are some of the most heavily polluted fossil fuel industrial areas in the Gulf South. However, these two communities have received very little support for air pollution monitoring or reform. This project will set air monitoring baselines, from which future measurements can be made compared. Our team of community partners will deploy two methods for each site: 1) fixed in place, FEM-grade sensors with a weather station attached, and 2) a mobile air monitoring system that provides a baseline survey.	TX-14, LA-3	Multistate project; Includes Journey to Justice area